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# RCA ALERT GUARD 27V570T USER MANUAL

RCA

# Television User's Guide

Changing Entertainment. Again.

Weather and other hazard information brought to you by the National Oceanic and Atmospheric Administration (NOAA)

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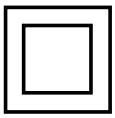
# Important Information

**CAUTION**

RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates important instructions accompanying the product.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

## WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

**Caution: Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.**

**Cable TV Installer:** This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

### Product Registration

Please fill out the product registration card (packed separately) and return it immediately. For U.S. customers: Your RCA Consumer Electronics product may also be registered at www.rca.com/productregistration. Registering this product allows us to contact you if needed.

### Product Information

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers. These numbers are located on the product.

Model No. _____ Serial No. _____ Purchase Date: _____

Dealer/Address/Phone: _____

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## Alert Guard™ Important Information

- The green READY light on the front panel of the TV is the main indicator that the Alert Guard system is receiving NWR broadcast information. If it's not lit, the Alert Guard system can't inform you of alerts. During poor reception conditions, the Alert Guard system might not inform you of alerts even if the green light is on.
- Generally, the Alert Guard system can fail to notify you of dangerous conditions for the following reasons:
  1. National Oceanic and Atmospheric Administration (NOAA) did not broadcast an alert. Certain criteria must be met for NOAA to issue an alert, and only certain events are reported by NOAA. While weather forecasting continues to improve, it is not perfectly accurate. For this reason, situations that might be dangerous to you may be unknown to NOAA.
  2. Power was lost to the TV during the time when an alert was broadcast. If power is lost for more than 15 seconds, the Alert Guard system will notify you that power was interrupted the next time the TV is turned on. Any alerts issued during a power failure won't be acknowledged by the Alert Guard system. Therefore, you might want to purchase a battery operated alert radio or have a battery powered radio available for listening when household power fails.
  3. Reception of the NOAA Weather Radio (NWR) was poor at the time an alert was broadcast. Since NOAA only broadcasts an alert once, momentary loss of reception can prevent alerts from being received.
  4. Options in the Alert Guard menu, such as locations and the NWR channel, were not set appropriately. Instructions within the User's Guide will help you set up Alert Guard correctly.
- Alert Guard shouldn't be your only source of information. You should always maintain personal, family, and neighborhood safeguard systems, and remain aware of changing conditions. The Alert Guard system relays alerts based on information provided by the NWR. The Alert Guard system is designed to recognize all alerts currently issued over the all hazards NWR broadcast system. Incidents (such as local traffic accidents and weather related school closings) that don't endanger the community with immediate threats are not broadcast.
- Alert Guard coverage is limited to the U.S., U.S. territories, possessions and associated states, within your local geographic area. These areas are listed on pages 37-54.
- While it appears you can set up the Alert Guard system to receive alerts from across the country, it can only receive alerts broadcast for areas close to the location of the TV.
- For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.
- If your TV is connected to a receiver, amplifier, home theater system, or other audio equipment, alerts won't be audible through such devices connected to the audio output terminals of the TV; instead, the Alert Guard system will turn on the TV's internal speakers to sound an alarm and make the alerts audible.
- Non-weather emergency messages, such as chemical spills, nuclear power plant emergencies, gas line breaks, etc., are not fully implemented nationally.
- If you receive an alert that tells you to seek shelter, do so immediately and don't continue to listen for other alerts until you are safe.
- It might take time, and after you've received several alerts, before you understand how the Alert Guard feature works.
- While government agencies use sophisticated equipment, such as weather models, radars, and satellites to determine an alert's effective time and duration, the end of an alert also does not necessarily mean that related emergency events are over. Weather conditions can change rapidly, and caution should be taken before and after alerts.

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## Things to Consider Before You Connect

### Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safety Instructions packed separately.

### Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- If you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

### Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

### Important Stand and Base Safety Information

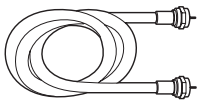
Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safety Instructions packed separately.

### Use Indirect Light

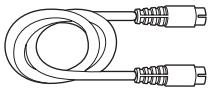
Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

### Cables Needed to Connect Components to Your TV

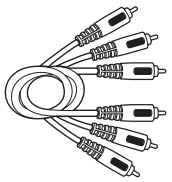
The pictures below show the cables needed for the connection represented in this book.



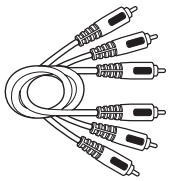
Coaxial cable



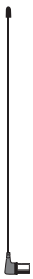
S-Video cable



Audio/Video cables



Component Video (Y, Pb, Pr) cables



Alert Guard Antenna

### Alert Guard Antenna

The picture to the left shows the Alert Guard antenna packed with your TV, specifically designed for the Alert Guard feature. Connect the antenna to the EXT Alert Guard ANT jack on the back of the TV (go to page 8 for more information). Don't connect the antenna to the regular TV ANT jack on the back of the TV.



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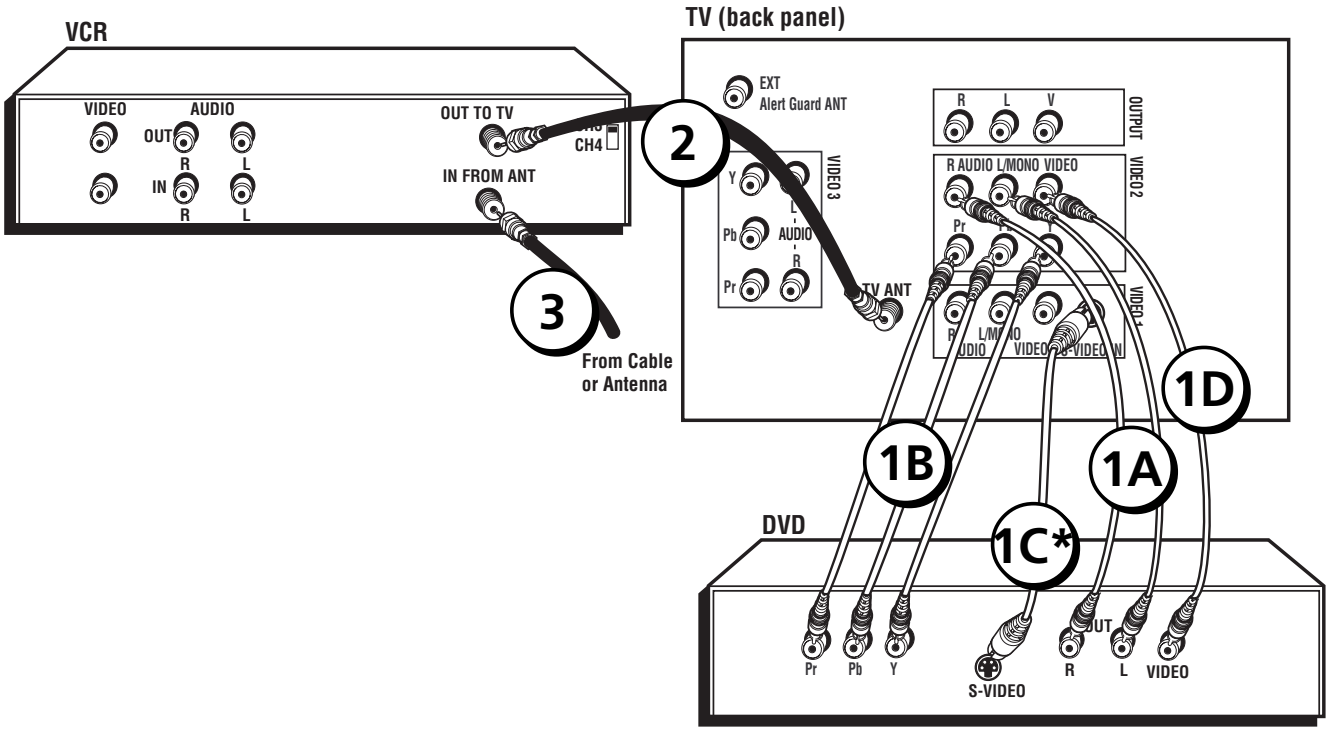


* If you connect an S-Video cable, you must connect the audio cables to the VIDEO 1 AUDIO jacks on the back of the TV, **not** the VIDEO 2 AUDIO jacks.

## TV + DVD + VCR

1. **Connect your DVD Player to your TV.**
   - A. Connect the audio (white and red) cables to the VIDEO 2 R and L/MONO AUDIO jacks on the back of the TV and to the Audio Output jacks on the DVD player.
   - B. If your DVD player has Component Output Jacks (Y, Pb, Pr), connect three video grade cables to the Y, Pb, Pr jacks on the DVD player and to the VIDEO 2 Y, Pb, Pr jacks on the back of the TV. If your DVD player doesn't have Y, Pb, Pr jacks, go to C.

   **-OR-**

   - C. If your DVD player has an S-Video Jack, connect an S-Video cable to the S-Video jack on the DVD player and to the S-VIDEO IN jack on the back of the TV. If your DVD player doesn't have an S-Video jack, go to D.

   *Note: If you connect an S-Video cable, you must connect the audio cables to the VIDEO 1 AUDIO jacks on the back of the TV, not the VIDEO 2 AUDIO jacks.*

   **-OR-**

   - D. Connect a video cable (yellow) to the Video Output Jack on the DVD player and to the VIDEO 2 VIDEO jack on the back of the TV.
2. **Connect your TV to your VCR.**

   Connect a coaxial cable to the TV ANT jack on your TV and to the Antenna Output Jack on your VCR (sometimes labeled OUT TO TV).

   *Note: If your VCR has Audio/Video output jacks, you can connect your TV to your VCR using audio/video cables for better quality.*
3. **Make sure cable or antenna is connected to your VCR.**

   Connect the coaxial cable from your cable outlet or antenna to the Antenna Input Jack (sometimes labeled IN FROM ANT) on the VCR.

**Go to page 8**



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## Explanation of Jacks

This section describes the jacks you can use to make connections. There are several ways to connect components to your TV.

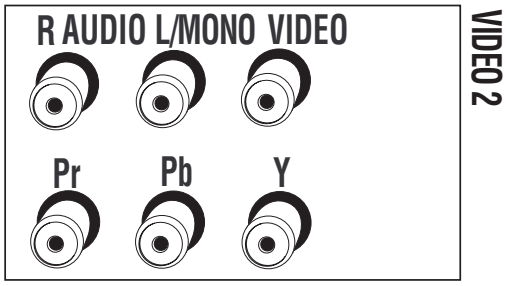
**TV ANT** Lets you connect a coaxial cable to receive the signal from the antenna, cable, cable box, or if using the example on page 4, a VCR.

**EXT Alert Guard ANT** Lets you connect an antenna if you need to receive a stronger signal for the Alert Guard feature. Go to page 8 for more information.

**VIDEO 1**

**VIDEO, AUDIO R and L/MONO INPUTS** Lets you connect a component such as a VCR, DVD player, or laserdisc player.

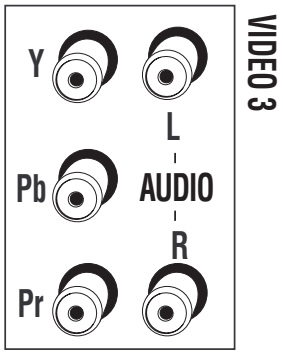
- **R (RIGHT) AUDIO** Provides right audio connection. The right audio connector is usually red.
- **L/MONO AUDIO** Provides left audio connection. The left audio connector is usually white.
- **VIDEO** Provides composite video connection. The video connector is usually yellow.
- **S-VIDEO** Provides better picture quality than the composite video jacks because the color part of the signal is separated from the black and white part of the picture. When using S-VIDEO IN, make sure to also connect left and right audio cables to the VIDEO1 AUDIO Input jacks.




**VIDEO 2**

**VIDEO, AUDIO R and L/MONO and Y, Pb, Pr INPUTS** Lets you connect a component video source, such as a DVD player.

- **Y, Pb, Pr** Provides optimum picture quality because the video is separated into three signals. Use three video-grade cables for the connection. When using VIDEO 2 Y, Pb, Pr, make sure to also connect left and right audio cables to the VIDEO 2 AUDIO Input jacks.
- **R and L/MONO AUDIO and VIDEO** Their description is the same as VIDEO 1 above.




**VIDEO 3**

**R and L AUDIO and Y, Pb, Pr INPUTS** Lets you connect a second component video source, such as a DVD player. Their description is the same as VIDEO 2 above. When using VIDEO 3 Y, Pb, Pr, make sure to also connect the left and right audio cables to the VIDEO 3 AUDIO Input jacks.



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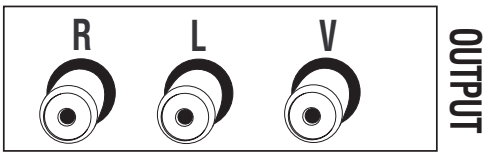



**AUDIO/VIDEO OUTPUTS (Video Out not available on model 27V570T)** Lets you connect an amplifier or audio receiver for improved sound quality or an external video monitor, for models with Video Out.

## The Front of Your TV

### Alert Guard Front Panel Buttons and Lights

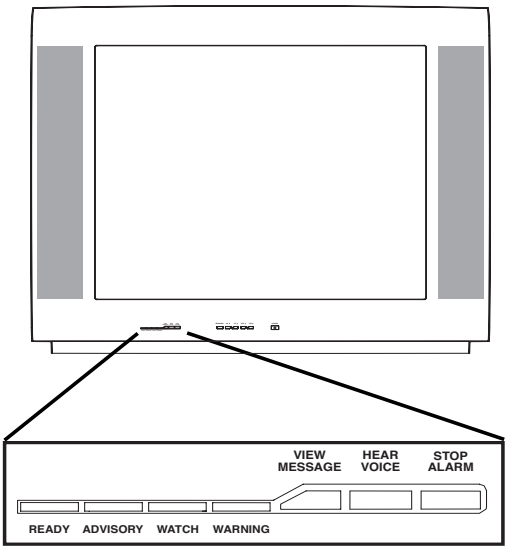
**READY** (Green Light) Remains lit as long as the TV is receiving a strong signal.

**ADVISORY** (Yellow light) On during Advisory alert. Also, lights for approximately 15 minutes during the weekly NOAA (National Oceanic and Atmospheric Administration) Weather Radio (NWR) test.

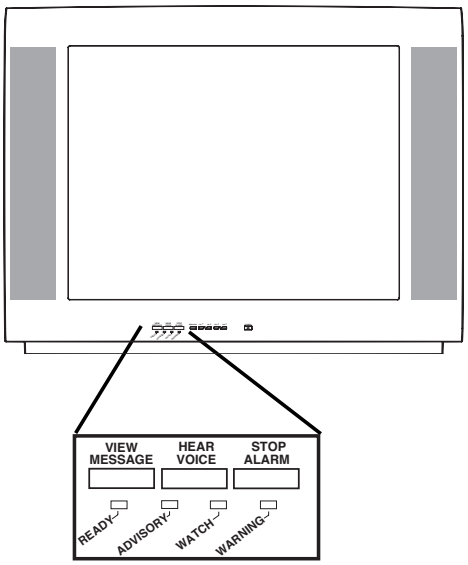
**WATCH** (Orange light) On during Watch alert.

**WARNING** (Red light) On during Warning alert.

*Note: The lights blink when an alert is first received. To stop them from blinking, press STOP ALARM. Lights stay on until an alert has expired. For your protection, you can never turn a light off while an alert is in effect.*




27V570T Front Panel




20F670T, 27F670T, 32F670T Front Panel

**VIEW MESSAGE** Press the VIEW MESSAGE button to display the alert being issued. If the TV is off, pressing this button turns on the TV and displays the message. Press this button at any time during an alert or weekly test to display the time remaining until the alert or test expires.

**HEAR VOICE** Toggles the NWR on and off.

**STOP ALARM** Turns off alarms and then removes on-screen messages.



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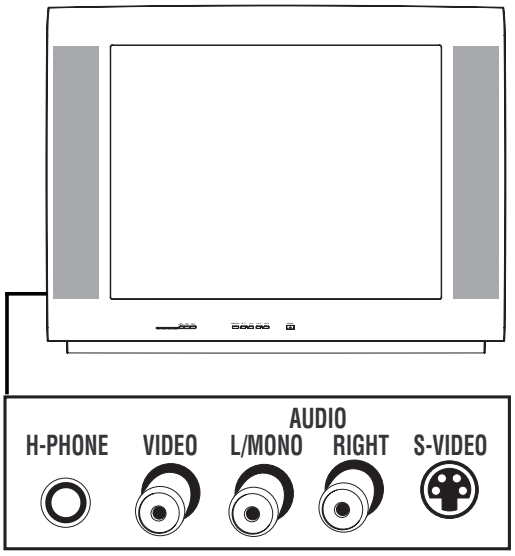



## Front Input Jacks

The TV has front input jacks for your convenience: one set of audio/video inputs, an S-Video and a headphone jack. These jacks are towards the front of the TV on the side. To access the component you connected to the front of the TV, press the INPUT button on your remote until *FRNT* (*SFRNT* for S-VIDEO) appears on the screen. The jacks are ideal for connecting a video game console or a camcorder.

*Note: When connecting a component that only has one audio jack, such as some camcorders, use the TV's AUDIO L/MONO jack to hear the audio.*

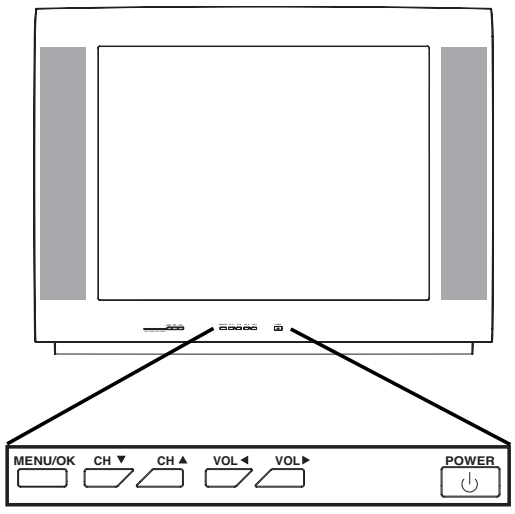
**H-PHONE (Headphones- not available on model 32F670T)** Allows you to connect headphones to listen to the sound coming from the TV.

*Note: For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.*

**VIDEO** Receives video from another component such as a VCR, camcorder, or video game console.

**L/MONO and RIGHT AUDIO** Receives audio from another component such as a VCR, camcorder, or video game console.

**S-VIDEO** Allows you to connect an S-Video cable from another component. Make sure you also connect audio cables from the component to the TV.




## Front Panel Buttons

If you can't locate your remote, you can use the front panel buttons of your TV to operate many of the TV's features.

**MENU/OK** Brings up the Main menu. In the menu system, it selects highlighted items.

**CH v** Scans down through the current channel list. In the menu system, acts like the down arrow button on the remote control and adjusts menu controls.

**CH ∧** Scans up through the channel list. In the menu system, acts like the up arrow button on the remote control and adjusts menu controls.

**VOL <** Decreases the volume. In the menu system, acts like the left arrow button on the remote control and adjusts menu controls.

**VOL >** Increases the volume. In the menu system, acts like the right arrow button on the remote control and adjusts menu controls.

**POWER** Turns the TV on and off.



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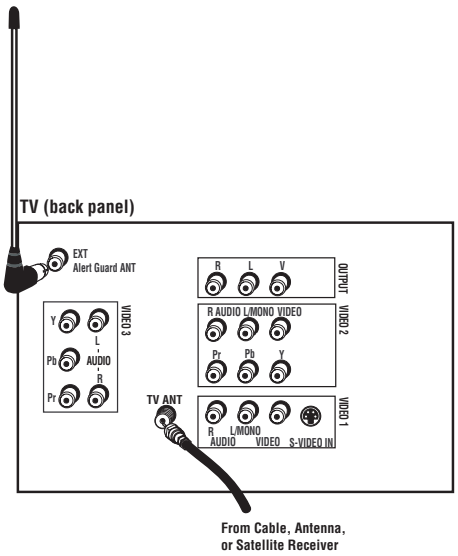



## Connect Alert Guard Antenna

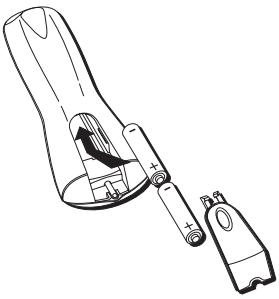
Connect the supplied antenna, with the rod positioned straight up and down, to the EXT Alert Guard ANT jack on the back of the TV.

## Connect TV Antenna

If you haven't already, connect the coaxial cable from your cable source (if using the example on page 4, a VCR) to the TV ANT jack on the back of the TV.

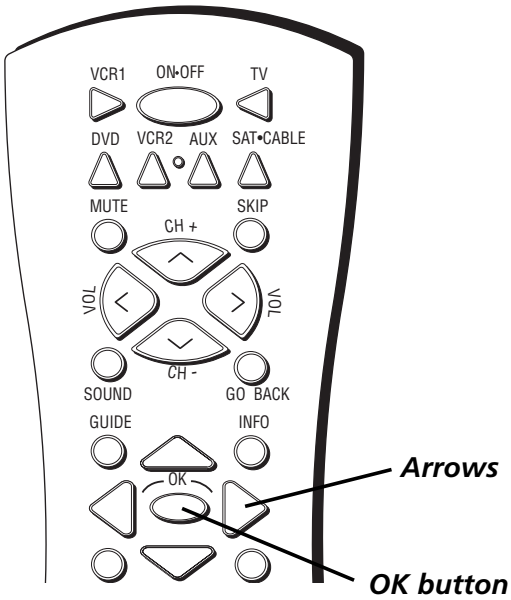
## Plug in the TV

Plug the end of the power cord into a grounded wall outlet. Insert the plug completely into the outlet.



## Put batteries in the remote

- Remove the battery compartment cover from the back of the remote by pushing down on and sliding off the cover.
- Insert 2 fresh "AA" batteries. Make sure the polarities (+ and -) are aligned correctly.
- Replace the cover.




## How to Use the Remote Control to Complete the Initial Setup

The technical term is "Navigation"– how you move through the on-screen menus. The method is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

To select the item that you've highlighted, press OK.

*Note: Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).*



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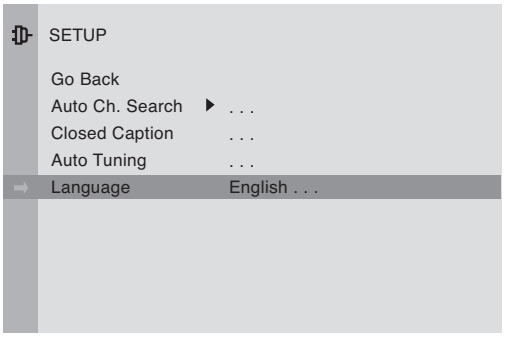
## Turn on the TV

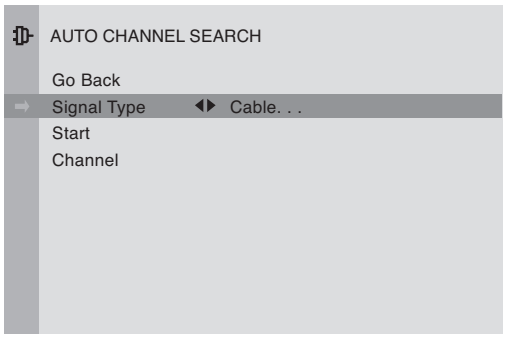
Press TV on the remote, or press POWER on the TV's front panel.

*Note: Pressing the TV button not only turns on the TV, but puts the remote into TV mode. "TV mode" means that the buttons on the remote control operate the TV's functions.*




## Complete the Initial Setup

The menu system in your TV allows the TV's features to work properly. The first time you turn on your TV, the *SETUP* screen appears with *Language* highlighted. The default language is *English*. To choose another language, press the right arrow button.




### Complete Auto Channel Search

This part of the setup allows the TV to search for all channels viewable through your antenna or cable TV system. This is sometimes called auto programming.

1. Highlight *Auto Ch. Search* and press OK.
2. The *Signal Type* option is set to *Cable*. To change the option to *Antenna*, press the right arrow button.
3. Press the down arrow button to highlight *Start*. Press the OK button to begin the auto channel search.

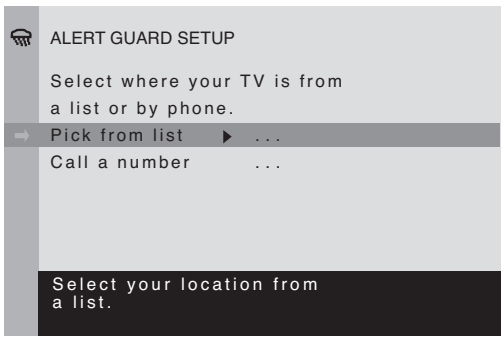
Once the search is complete, the *Alert Guard Setup* menu appears.

### Alert Guard Initial Setup

Alert Guard informs you of hazards such as winter storm watches and civil danger warnings that are being broadcast by the all hazards NWR broadcast system for your specific area.

*Note: Alert Guard receives alerts for the U.S. , U.S. territories, possessions and associated states, within your local geographic area. Your TV can't respond to alerts outside these areas. These areas are listed on pages 37-54.*

*Also, Alert Guard can only receive alerts broadcast for areas close to the location of the TV.*


ALERT GUARD SETUP
Select where your TV is from a list or by phone.
Pick from list . . .
Call a number . . .
Select your location from a list.

1. The quickest way to set your area is to highlight *Pick from list* and press OK. (If you want to set up Alert Guard by phone, highlight *Call a number*, call 1-888-NWR-SAME, and follow the on-screen instructions).

**(steps continued on the next page)**



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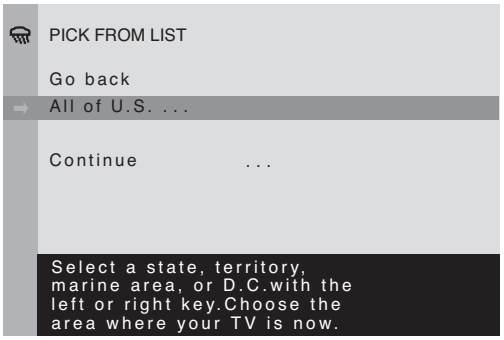
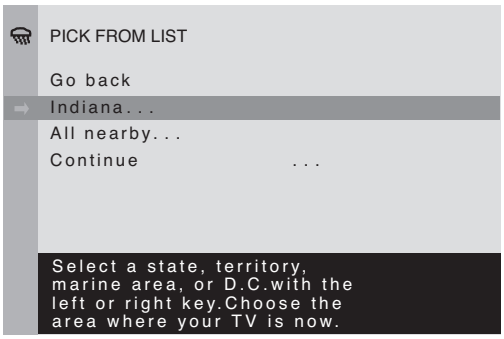
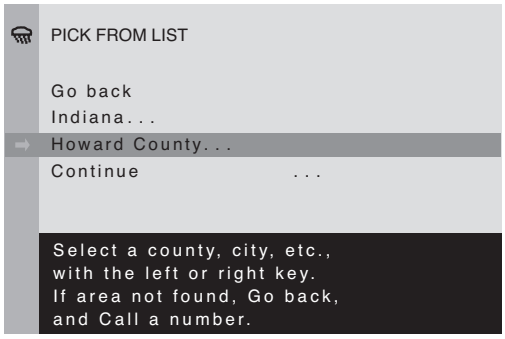

PICK FROM LIST
Go back
All of U.S. . . .
Continue . . .
Select a state, territory, marine area, or D.C.with the left or right key.Choose the area where your TV is now.

2. The *PICK FROM LIST* menu appears with *All of U.S.* highlighted. Press the left or right arrow button to choose your region- the state, territory, or marine area where you are living or District of Columbia. These are listed in alphabetical order, with marine areas at the end of the list (press the left arrow button to access these quickly, starting at the end of the list).


PICK FROM LIST
Go back
Indiana. . .
All nearby. . .
Continue . . .
Select a state, territory, marine area, or D.C.with the left or right key.Choose the area where your TV is now.

3. After you set your region, press the down arrow button to highlight *All nearby*. Press the left or right arrow button to choose the county, city, parish, area, borough, district, island, atoll, state or municipality where you are living. These are also listed in alphabetical order. Most states only have counties as a choice.

The location code is now set. Highlight and select *Continue*. Alert Guard is ready to receive information specific to your area.


PICK FROM LIST
Go back
Indiana. . .
Howard County. . .
Continue . . .
Select a county, city, etc., with the left or right key. If area not found, Go back, and Call a number.

If you receive an on-screen message, *YOU MIGHT MISS ALERTS!,* press OK to tune to the strongest NWR channel. The *NWR channel* menu appears and searches for a strong channel.

Listen to the NWR channel. If the signal is clearly understandable and is broadcasting information for your local area, press CLEAR. *Alert Guard is set up* appears on-screen. Press CLEAR again to watch TV. If the signal isn't understandable or isn't broadcasting information for your local area, go to page 33 for more information.

You can set each alert level, Warning, Watch or Advisory, to notify you of alerts broadcasted by receiving a message on-screen or hearing a type of alarm. The default settings for these alert levels are:

| | Warning | Watch | Advisory |
|---|---|---|---|
| **Message on-screen** | Yes | Yes | No (box not checked) |
| **Alarm setting** | Voice | None | None |

To change these setting and for more information on how to customize options in Alert Guard, go to Chapter 3.

*Note: If you move from the area you set in the Initial Setup, you need to set your new area in the Alert Guard LOCATIONS menu.*



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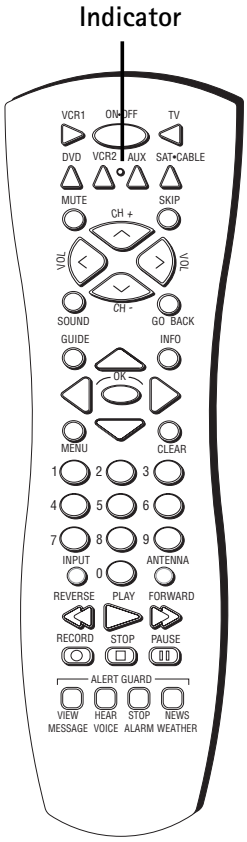


## Button Descriptions for TV Mode

**Arrows** Used to point to different items in the TV menu and to adjust the menu controls.

**Indicator** Indicates the programming mode when programming the remote to control components. Lights when you press a valid button on the remote.

**(0-9) Number Buttons** Enter channel numbers and time settings directly through the remote control.

To enter a one-digit channel, enter a zero first. To enter a two-digit channel, press the two digits and expect a few seconds delay. This is in case you want to enter a third digit.

**CH + or CH -** Scans up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

**CLEAR** Removes any menu or display from the screen and returns you to normal viewing.

**GO BACK** Returns you to the previous channel.

**INFO** Brings up channel banner; press again to clear the screen.

**INPUT** Toggles through the available input sources (VID1/SVID1, VID2/CVID2, FRNT/SFRNT, CVID3 and current channel).

**MENU** Brings up the Main menu.

**MUTE** Reduces the TV's volume to its minimum level. Press again to restore the volume.

**OK** When in the menu system, selects highlighted items.

**ON•OFF** When in TV mode, turns the TV on and off. If in another mode (VCR, DVD, SAT•CABLE, etc.), will turn the component on and off.

**SKIP** Press once before changing channels and the TV will go back to the original channel after 30 seconds. Press repeatedly to add more time.

**SOUND** Displays the *SOUND* menu.

**TV** Turns on the TV and puts the remote in TV mode. Also displays current status.

**VOL – or VOL +** Decreases or increases the TV's volume.

## Button Descriptions for Alert Guard

(Listed from left to right)

**VIEW MESSAGE** Press to display the alert being issued. If the TV is off, pressing this button turns on the TV and displays the message. Press this button at any time during an alert or weekly test to display the time remaining until the alert or test expires.

**HEAR VOICE** Toggles the NWR on and off.

**STOP ALARM** Turns off alarms and then removes on-screen messages.

**NEWS WEATHER** Scans through the four channels in the order they were set in the News Weather menu. If no channels have been set up, the default News Weather station is channel 6. If the TV is off, pressing this button turns the TV on and tunes to the first News Weather channel.



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## Button Descriptions for Other Modes

**AUX** Puts the remote in AUX mode. Can also be programmed to operate most brands of an additional remote-controllable component.

**ANTENNA** In VCR mode, functions as a TV/VCR button. In SAT•CABLE mode, functions as a TV/receiver button.

**DVD** Puts the remote in DVD mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

**GUIDE** If you're operating another component that has an on-screen program guide, this button accesses the on-screen guide.

**REVERSE, PLAY, FORWARD, RECORD, STOP, PAUSE** If programmed, provides transport control for some remote-controllable VCRs, DVD players, and CD players.

**SAT•CABLE** Puts the remote in SAT•CABLE mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

**VCR1** Puts the remote in VCR mode and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

**VCR2** Puts the remote in VCR mode to operate a second VCR and, if auto tuning is enabled, will turn on the TV and tune to the correct video input channel.

### Using the INPUT Button

Use the INPUT button to scroll through the available video input channels and view components you have connected to the TV.

1. Press TV to place the remote in TV mode. Make sure the component you want to view is turned ON.
2. Press INPUT to tune to an available video input source and view the component.
3. To return to the previous channel, continue pressing INPUT.



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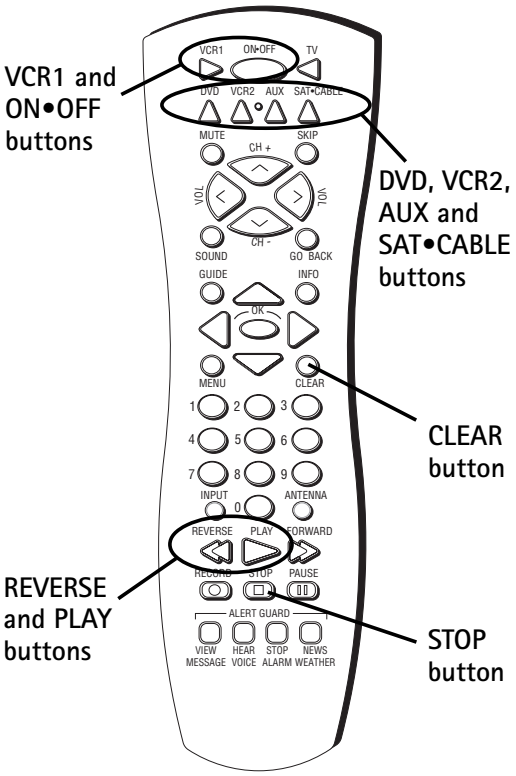


You'll use these buttons when programming the remote.

## Programming the Remote to Operate Other Components

The universal remote can be programmed to operate most brands of remote controllable components. The remote is already programmed to operate most RCA, GE, and Proscan components.

Also, the AUX button can be programmed to operate most brands of an additional remote-controllable component.

*Notes: The TV button can't be programmed on this remote.*

*The remote may not be compatible with all brands and models of components. It also may not operate all functions of the remote that came with your component.*

### Find Out If You Need to Program the Remote

To determine whether the universal remote needs to be programmed for your component, turn the component ON. For example, to program the remote for a VCR, turn on the VCR. Point the remote at the VCR, and press the VCR1 button. Then press ON•OFF or CH + (channel up) or CH – (channel down) to see if the VCR responds to the remote commands. If the component does not respond, the remote needs to be programmed.

### Programming the Remote

There are two ways to program the remote control:

- automatic code search
- direct entry

#### Using Automatic Code Search

The following instructions can be used to program the remote to operate each of your components. If you want to stop the automatic code search without programming any of your components, press CLEAR until the indicator on the remote turns off.

1. Turn on the component you want to operate (VCR, DVD player, etc.)
2. Press and hold the component button you want to program (VCR1, DVD, etc.). While holding the component button, press and hold ON•OFF until the indicator on the remote turns on, then release both buttons.
3. Point the remote at the component. Press and release PLAY, then wait 5 seconds or until the indicator on the remote stops flashing.

   At this point the remote is searching for the correct code to program. If, after 5 seconds, the component you want to operate does not turn off, press PLAY again to tell the remote to search the next set of codes.

   Continue pressing PLAY until the component turns off or you have searched through all of the codes. There are 20 total sets of codes. If the component does not turn off after pressing PLAY 20 times, then the remote can't be programmed to operate that component. Press CLEAR to turn off the indicator light.



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If the component you want to control *does* turn off:

1. Press and release REVERSE, then wait 2 seconds. Repeat this step until the component turns back ON.
2. To finish, press and hold STOP until the indicator on the remote turns off.

**Using Direct Entry**

1. Turn on the component to be programmed.
2. Look up the brand and code number(s) for the component on the code list in this section.
3. Press and hold the component button you want to program on the remote.
4. Enter the 4-digit code from the remote control code list on the following pages. If the indicator flashes, you have either entered an invalid code or the button isn't programmable.
5. Release the component button.
6. Point the remote at the component. Press ON•OFF to see if the component responds to the command. If it doesn't, try pressing the component button and then ON•OFF again.

- If you get no response, repeat these steps using the next code listed for your brand, until the component responds to the remote commands.
- If you try all the codes for your component brand and none work, try the automatic code search method. If automatic code search doesn't find the code, the remote is not compatible with your component.

## How to Use the Remote After You've Programmed It

Because this universal remote can control several different components (TV, DVD, VCR, satellite receiver, etc.) it uses operational modes triggered by the component buttons. For example, if you want the remote to control the TV, you would press the TV button to put the remote into TV mode before you could control the TV.

1. Press the appropriate component button (DVD, TV, VCR1, VCR2, SAT•CABLE, AUX) to set the remote to control the component.
2. Press ON•OFF to turn the component ON or OFF.
3. Use the remote buttons that apply to that component.

*Note: If you keep pressing buttons and nothing happens, the remote is probably in the wrong mode. You must press the component button that matches the component you want to operate (i.e., if you want to operate the VCR, press VCR1 on the remote control to put the remote in VCR mode.)*



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# Remote Control Codes

## VCR Codes

Programmable for VCR1, VCR2 and AUX buttons.

Admiral ..... 2132
Adventura ..... 2026
Aiko ..... 2027
Aiwa ..... 2026
Akai ..... 2003, 2004, 2005, 2007, 2008, 2111, 2112, 2113
American High ..... 2021
Asha ..... 2013
Audio Dynamics ..... 2009, 2010
Audiovox ..... 2014
Bell & Howell ..... 2011
Beaumark ..... 2013
Broksonic ..... 2012, 2025
Calix ..... 2014
Candle ..... 2013, 2014, 2015, 2016, 2017, 2018, 2019
Canon ..... 2021, 2022, 2114
Capehart ..... 2020, 2110
Carver ..... 2062
CCE ..... 2027, 2061
Citizen ..... 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2027
Colortyme ..... 2009
Colt ..... 2061
Craig ..... 2013, 2014, 2023, 2061
Curtis-Mathes ..... 2000, 2009, 2013, 2016, 2018, 2021, 2022, 2024, 2115, 2131
Cybernex ..... 2013
Daewoo ..... 2015, 2017, 2019, 2025, 2026, 2027, 2028, 2110
Daytron ..... 2110
DBX ..... 2009, 2010
Dimensia ..... 2000, 2131
Dynatech ..... 2026
Electrohome ..... 2014, 2029
Electrophonic ..... 2014
Emerson ..... 2012, 2014, 2015, 2021, 2024, 2025, 2026, 2029, 2030, 2031, 2032, 2033, 2034,2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042,2044, 2045, 2046, 2047, 2065, 2113, 2116, 2117, 2130
Fisher ..... 2011, 2023, 2048, 2049, 2050, 2051, 2052, 2118
Fuji ..... 2021, 2119
Funai ..... 2026
Garrard ..... 2026
GE ..... 2000, 2001, 2013, 2021, 2022, 2053, 2115, 2120, 2131
Goldstar ..... 2009, 2014, 2018, 2054
Gradiente ..... 2026
Harley Davidson ..... 2026
Harman Kardon ..... 2009
Harwood ..... 2061
Headquarter ..... 2011
Hitachi ..... 2055, 2056, 2057, 2107, 2111, 2120, 2122
Hi-Q ..... 2023
Instant Replay ..... 2021
JCL ..... 2021
JC Penney ..... 2009, 2010, 2011, 2013, 2014, 2021, 2022, 2055, 2056, 2058, 2059, 2060, 2107, 2118
Jensen ..... 2055, 2056, 2111
JVC ..... 2009, 2010, 2011, 2018, 2111, 2123
Kenwood ..... 2009, 2010, 2011, 2016, 2018, 2111, 2123
KLH ..... 2061
Kodak ..... 2014, 2021
Lloyd ..... 2026
Logik ..... 2061
LXI ..... 2014
Magnavox ..... 2021, 2022, 2062, 2063, 2104, 2105, 2108, 2124
Magnin ..... 2013
Marantz ..... 2009, 2010, 2011, 2016, 2018, 2021, 2062, 2064
Marta ..... 2014
Masushita ..... 2021
Mei ..... 2021
Memorex ..... 2011, 2013, 2014, 2021, 2023, 2026, 2104, 2132
MGA ..... 2029, 2065, 2113
MGN Technology ..... 2013
Midland ..... 2053
Minolta ..... 2055, 2056, 2107
Mitsubishi ..... 2029, 2055, 2056, 2065, 2066, 2067, 2068, 2068, 2070, 2071, 2072, 2073, 2074, 2106, 2113, 2123
Montgomery Ward ..... 2075, 2132
Motorola ..... 2021, 2132
MTC ..... 2013, 2126
Multitech ..... 2013, 2016, 2026, 2053, 2061
NEC ..... 2009, 2010, 2011,2016, 2018, 2064, 2076, 2078, 2079, 2111, 2123
Nikko ..... 2014
Noblex ..... 2013
Olympus ..... 2021
Optimus ..... 2014, 2132
Optonica ..... 2096
Panasonic ..... 2021, 2022, 2109, 2125, 2126, 2127
Pentax ..... 2016, 2055, 2056, 2107, 2120
Pentex Research ..... 2018
Philco ..... 2021, 2022, 2062, 2063
Philips ..... 2021, 2062, 2096, 2124
Pilot ..... 2014
Pioneer ..... 2010, 2055, 2080, 2081, 2123
Portland ..... 2016, 2017, 2019, 2110
Proscan ..... 2000, 2001, 2131
Protec ..... 2061
Pulsar ..... 2104
Quarter ..... 2011
Quartz ..... 2011
Quasar ..... 2021, 2022, 2125
RCA ..... 2000, 2001, 2003, 2013, 2021, 2055, 2056, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2107, 2115, 2120, 2125, 2131, 2133
Radioshack/Realistic ..... 2011, 2013, 2014, 2021, 2022, 2023, 2026, 2029, 2049, 2050, 2096, 2132
Radix ..... 2014
Randex ..... 2014
Ricoh ..... 2128
Runco ..... 2104
Samsung ..... 2005, 2013, 2015, 2033, 2053, 2112
Sanky ..... 2104, 2132
Sansui ..... 2010, 2092, 2111, 2123
Sanyo ..... 2011, 2013, 2023
Scott ..... 2012, 2015, 2025, 2032, 2038, 2065, 2093, 2116
Sears ..... 2011, 2014, 2021, 2023, 2048, 2049, 2050, 2051, 2055, 2056, 2107, 2118
Sharp ..... 2017, 2029, 2094, 2095, 2096, 2097, 2132



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## VCR Codes continued

Shintom ..... 2004, 2056, 2061, 2098
Shogun ..... 2013
Signature ..... 2132
Singer ..... 2021, 2061, 2128
Sony ..... 2004, 2098, 2099, 2119
STS ..... 2021, 2107
Sylvania ..... 2021, 2022, 2026, 2062, 2063, 2065, 2124
Symphonic ..... 2026
Tandy ..... 2011
Tashiko ..... 2014
Tatung ..... 2111
TEAC ..... 2026, 2085, 2111
Technics ..... 2021, 2109
Teknika ..... 2014, 2021, 2026, 2100, 2129
TMK ..... 2013, 2024, 2047
Toshiba ..... 2015, 2049, 2051, 2055, 2065, 2093, 2116
Totevsion ..... 2013, 2014
Unitech ..... 2013
Vector Research ..... 2009, 2010, 2015, 2016
Victor ..... 2010
Video Concepts ..... 2009, 2010, 2015, 2016, 2113
Videosonic ..... 2013
Wards ..... 2013, 2014, 2015, 2021, 2023, 2026, 2029, 2055, 2056, 2061, 2096, 2101, 2102, 2103, 2107, 2116, 2132
XR-1000 ..... 2021, 2026, 2061
Yamaha ..... 2009, 2010, 2011, 2018, 2111
Zenith ..... 2004, 2098, 2104, 2119, 2128

## DVD codes

Programmable for DVD and AUX buttons.

Aiwa ..... 3009
Apex ..... 3023, 3024
GE ..... 3000
Hitachi ..... 3008
JVC ..... 3002, 3010
Konka ..... 3011, 3012
Magnavox ..... 3003
Mitsubishi ..... 3004
Panasonic ..... 3013
Philips ..... 3003, 3019, 3021, 3022
Pioneer ..... 3005
Proscan ..... 3000
RCA ..... 3000, 3001
Samsung ..... 3025
Sanyo ..... 3014
Sony ..... 3006, 3015, 3016
Toshiba ..... 3007, 3017, 3020
Zenith ..... 3018

## Cable Box Codes

Programmable for SAT•CABLE and AUX buttons.

ABC ..... 5002, 5003, 5004, 5005, 5006, 5053
Antronix ..... 5008, 5009
Archer ..... 5008, 5009, 5010
Cabletenna ..... 5008
Cableview ..... 5008
Colour Voice ..... 5012, 5013
Comtronics ..... 5014
Contec ..... 5016
Eastern ..... 5017
GC Electronics ..... 5009
GE ..... 5000, 5001
Gemini ..... 5018, 5019
General Instrument ..... 5003
Hamlin ..... 5020, 5021, 5022, 5028, 5035, 5045
Hitachi ..... 5003
Jerrold ..... 5003, 5018, 5023, 5024, 5046, 5053
Magnavox ..... 5025
Memorex ..... 5026
Movie Time ..... 5027
NEC ..... 5005
NSC ..... 5027
Oak ..... 5016, 5029
Panasonic ..... 5048, 5052
Philips ..... 5011, 5012, 5013,5015, 5019, 5025, 5030, 5031, 5032
Pioneer ..... 5033, 5034
Proscan ..... 5000, 5001
RCA ..... 5007, 5047, 5049, 5052
Realistic ..... 5009
Regal ..... 5022, 5035
Regency ..... 5017
Rembrandt ..... 5003
Samsung ..... 5034
Scientific Atlanta ..... 5006, 5036, 5037, 5038
Signal ..... 5018
Signature ..... 5003
Sprucer ..... 5052
Standard Components ..... 5039, 5044
Starcom ..... 5018, 5053
Stargate ..... 5018
Starquest ..... 5018
Tandy ..... 5040
Teleview ..... 5014
Tocom ..... 5004, 5023
Tusa ..... 5018
TV86 ..... 5027
Unika ..... 5008, 5009
United Cable ..... 5053
Universal ..... 5008, 5009, 5010
Viewstar ..... 5025, 5027
Zenith ..... 5050, 5051

## Satellite Receiver Codes

Programmable for SAT•CABLE and AUX buttons.

Alphastar ..... 5079
Chapparal ..... 5056, 5057
Dishnet ..... 5078
Drake ..... 5058, 5059
Echostar ..... 5089
GE ..... 5000, 5001
General Instruments ..... 5060, 5061, 5062
Hitachi ..... 5083, 5084
Hughes ..... 5077, 5090
JVC ..... 5082
Panasonic ..... 5075
Philips ..... 5085
Primestar ..... 5076
Proscan ..... 5000, 5001
RCA ..... 5000, 5001, 5071, 5080, 5081
Realistic ..... 5063
Sony ..... 5072
STS1 ..... 5064
STS2 ..... 5065



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## Satellite Receiver Codes continued

STS3 ..... 5066
STS4 ..... 5067
Toshiba ..... 5068, 5073
Uniden ..... 5086

## Audio Codes

Programmable for the AUX button only.

**RCA and Dimensia**

AM/FM ..... 4003, 4270
AUX ..... 4004
Phono ..... 4005
Tape ..... 4006
CD ..... 4007, 4190, 4211

**Receivers**

Aiwa ..... 4261, 4262, 4263, 4264, 4265, 4266, 4267, 4277
Denon ..... 4283
Harman Kardon ..... 4276
JVC ..... 4268
JVL ..... 4276
Kenwood ..... 4269
Onkyo ..... 4278
Optimus ..... 4284
Panasonic ..... 4279, 4280
Pioneer ..... 4275
RCA ..... 4270
Sherwood ..... 4282
Sony ..... 4271, 4272, 4281
Technics ..... 4279, 4280
Wards ..... 4275
Yamaha ..... 4274, 4275

**CD Players**

ADC ..... 4200, 4201, 4220
Aiwa ..... 4175, 4203
Akai ..... 4205
Denon ..... 4208
Dynatech ..... 4177
Emerson ..... 4178
Fisher ..... 4179, 4212, 4213
GE ..... 4216
Hitachi ..... 4180
JVC ..... 4181, 4221
Kenwood ..... 4183, 4222, 4224
Luxman ..... 4225
Marantz ..... 4185, 4226
MCS ..... 4228
Mitsubishi ..... 4229, 4230
NEC ..... 4184
Nakamichi ..... 4232, 4233
Onkyo ..... 4186, 4234, 4235
Optimus ..... 4237, 4238, 4239
Panasonic ..... 4188
Pioneer ..... 4189, 4240
RCA ..... 4190, 4211
Sanyo ..... 4250
Sears ..... 4207
Sherwood ..... 4243
Sony ..... 4195, 4209, 4244
Teac ..... 4245, 4246, 4247
Technics ..... 4197
Toshiba ..... 4231
Yamaha ..... 4198, 4199, 4248



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## Alert Guard

Alert Guard receives digital data known as SAME (Specific Area Message Encoding) combined with audio information provided by NOAA (National Oceanic and Atmospheric Administration) Weather Radio (NWR).

*Note: For more information about NOAA, visit www.noaa.gov.*

NOAA conducts a weekly test for the all hazards broadcast system. The test is once a week on Wednesday between 10 a.m. and 12 noon for approximately 15 minutes. The yellow ADVISORY light blinks during the test. If there is ongoing severe weather or a threat of severe weather, the test is postponed until the next available good-weather day. Alert Guard uses this test to ensure you've set the channel and locations properly. If Alert Guard detects a problem, on-screen messages appear to provide help.

The Alert Guard system receives alerts for the U.S., U.S. territories, possessions and associated states, within your local geographic area. Your TV can't receive any alerts for locations outside these areas. Also, if alerts are issued for areas other than those that you set in the *Location* menu, Alert Guard won't notify you of those alerts.

Alerts received by the Alert Guard system follow:

**NOAA Natural and Weather Events-** These include approximately 30 alerts, such as tornadoes, flash floods, avalanches, blizzards, forest fires, hurricanes, tsunamis, volcanoes, earthquakes, etc.

**State and County Civil Emergency Alerts-** The Alert Guard feature responds to current civil emergency alerts issued by all hazards NWR network. These include localized nuclear power plant emergencies, gas line breaks, train derailments, missing children alerts (America's Missing: Broadcast Emergency Response- AMBER Alerts), etc. These non-weather emergency messages are not fully implemented nationally.

**National, Regional and State Civil Emergency Alerts-** These include high level state or federal emergencies, such as national attack warnings, terrorist attack alerts (not alert level or threat condition status), bio-warfare alerts and other immediate life-threatening emergencies. This information is relayed by the Federal Emergency Management Agency (FEMA) and NOAA over the all hazards NWR network.

Alert Guard has several different levels of alerts. A list and explanation follows:

**Warning**- These alone pose a significant threat to public safety and/or property, probability of occurrence and location is high, and the onset time is relatively short.

**Watch**- Meets classification of a warning, but either the onset time, probability of occurrence, or location is uncertain.

**Advisory**- This event by itself might not kill, injure, or cause property damage but may indirectly cause other things to happen that result in a hazard.

A list of the type of alert levels you can receive follows on the next page.



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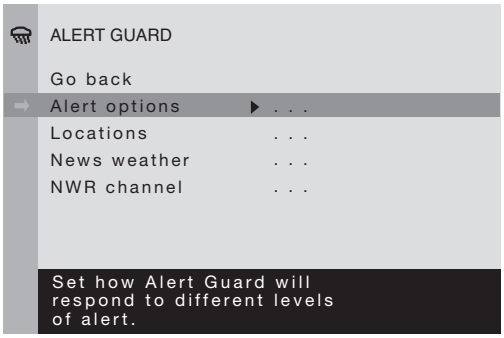
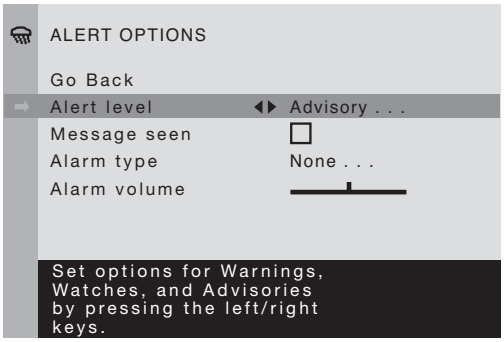
| Alerts | | | |
|---|---|---|---|
| **Warning level** | | **Watch level** | **Advisory level** |
| *Avalanche W arning* | *Nuclear P ower Plant Warning* | *Avalanche W atch* | *Administrative Message* |
| *Blizzard W arning* | *Practice/Demo Warning* | *Coastal Flood W atch* | *Child Abduction Emergency (AMBER alerts)* |
| *Civil Danger W arning* | *Radiological Hazard Warning* | *Flash Flood W atch* | *Emergency Action Termination* |
| *Civil Emergency Message* | *Severe Thunderstorm Warning* | *Flood W atch* | *Flash Flood Statement* |
| *Coastal Flood W arning* | *Shelter in Place Warning* | *High Wind W atch* | *Flood Statement* |
| *Dust Storm W arning* | *Special Marine Warning* | *Hurricane W atch* | *Hurricane Statement* |
| *Earthquake W arning* | *Tornado W arning* | *Severe Thunderstorm Watch* | *Local Area Emergency* |
| *Emergency Action Notification* | *Tropical Storm Warning* | *Tornado W atch* | *National Information Center Message* |
| *Fire W arning* | *Tsunami W arning* | *Tropical Storm W atch* | *Network Message Notification* |
| *Flash Flood W arning* | *Volcano W arning* | *Tsunami W atch* | *911 T elephone Outage Emergency* |
| *Flood W arning* | *Winter Storm W arning* | *Winter Storm W atch* | *Severe W eather Statement* |
| *Hazardous Materials Warning* | | | *Special W eather Statement* |
| *High Wind W arning* | | | |
| *Hurricane W arning* | | | |
| *Immediate Evacuation* | | | |
| *Law Enforcement W arning* | | | |

*Note: Alert messages provide only basic information. For example, if a Civil Emergency Message appears on-screen, you need to press HEAR VOICE to hear information about the specific alert it's covering, such as a train derailment, toxic gas leak, oil refinery fire, water supply pollution or an industrial explosion.*


ALERT GUARD
Go back
Alert options . . .
Locations . . .
News weather . . .
NWR channel . . .
Set how Alert Guard will respond to different levels of alert.


ALERT OPTIONS
Go Back
Alert level Advisory . . .
Message seen
Alarm type None . . .
Alarm volume
Set options for Warnings, Watches, and Advisories by pressing the left/right keys.

## Alert Options

You can customize how you want to receive each alert level.

1. Press the MENU button (the *MAIN MENU* appears).
2. Press the down arrow button to highlight *Alert Guard* and press OK.
3. Select *Alert options* from the ALERT GUARD menu.
4. Press the right arrow button to highlight the alert level you want to customize, for example, *Advisory.*
5. Press the down arrow button to highlight *Message seen.* If you want an alert message to appear on-screen when receiving an Advisory, press the right arrow button until the *Message seen* box is checked.

*Notes: Alert messages don't appear when the TV is off.*

*Alert messages provide only basic information. You might need to press HEAR VOICE to get more specific information.*

**(steps continued on the next page)**



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6. Press the down arrow button to highlight *Alarm type*. Press the right arrow button to highlight the type of alarm you want to hear when receiving an Advisory. If you don't want any alarm set, choose *None*.

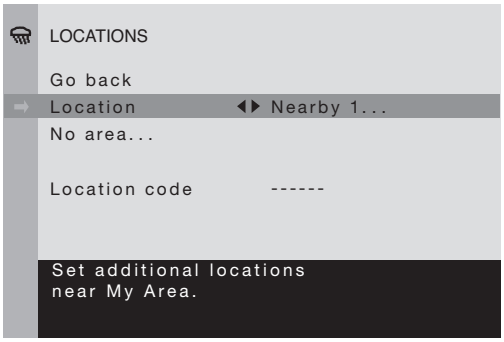
   *Notes: For models 20F670T, 27V570T and 27F670T, don't leave headphones plugged in when they aren't in use. Alarms will sound through the headphones and not the TV's speakers, causing alarms not to be heard.*

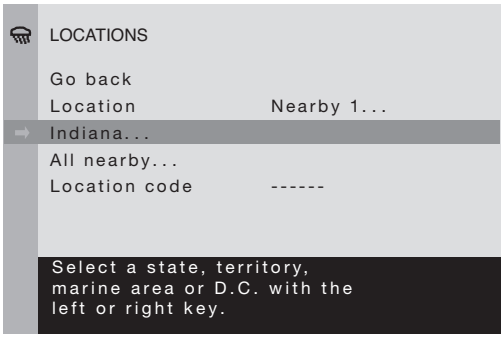
   *If your TV is connected to a receiver, amplifier, home theater system, or other audio equipment, alerts won't be audible through such devices connected to the audio output terminals of the TV; instead, the Alert Guard system will turn on the TV's internal speakers to sound an alarm and make the alerts audible.*

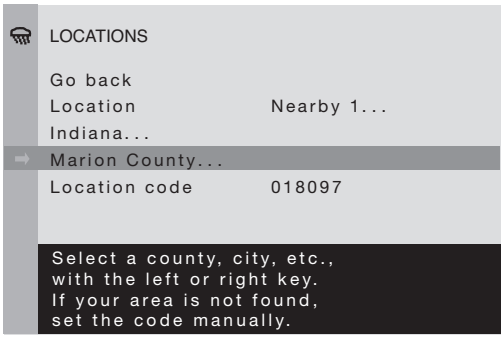
7. If you set an Alarm type, press the down arrow button to highlight *Alarm volume*. Press the right or left arrow button to set the highest volume of the alarm. You might want to think of how loud the volume needs to be if you're somewhere else in your home . For example, if you want the alarm to wake you up while sleeping in the other room, then you might need to set the volume at the highest level.

   The Siren option is a loud sound, designed to get your attention. The Chime option is a subtle sound for those easily startled. When the Siren or Chime sounds, it starts soft and continues to get louder until it reaches the maximum volume you set. The Voice option is the voice of NWR which states the alert and then shuts off. The Voice option doesn't get louder. It speaks at the volume you set.

8. When finished, if you want to customize *Warning* or *Watch* level, press the up or down arrow button to highlight *Alert level.* Then follow steps 4-7.





LOCATIONS
Go back
Location Nearby 1...
Indiana...
Marion County...
Location code 018097
Select a county, city, etc., with the left or right key. If your area is not found, set the code manually.

## Locations

You can receive alerts from three other locations within close proximity of where you live. To set these areas:

1. Press the MENU button (the *MAIN MENU* appears).
2. Press the down arrow button to highlight *Alert Guard* and press OK.
3. Select *Locations* from the ALERT GUARD menu.
4. Press the left or right arrow button to choose which area you want to set, for example *Nearby 1* (if you completed the Alert Guard initial setup, *My Area* has already been set). Set the areas in order of priority.
5. Press the down arrow button to highlight *No area.*
6. Press the right arrow button to highlight the state, territory, or marine area where you are living or District of Columbia. These are listed in alphabetical order, with marine areas at the end of the list (press the left arrow button to access these quickly).
7. Press the down arrow button to highlight *All nearby.*
8. Press the right arrow button to choose another area different than the area set for *My Area*. This could be another county, city, parish, area, borough, district, island, atoll, state or municipality nearby where you are living.

   The location code is now set. If you want to set another area, press the up arrow button to highlight *Location*. Press CLEAR to exit.



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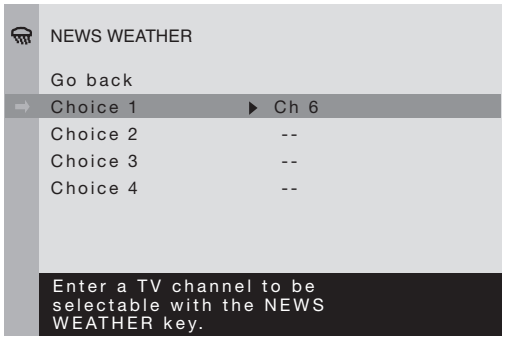
9. If you can't find your location, you need to set it manually. Press the down arrow button to highlight *Location code*.
10. Go to pages 37-54 or call toll-free 1-800-NWR-SAME to find the location code for your area. Enter the code using the number buttons on the remote.

*Note: Occasionally the government changes or adds location codes. If you live in a new county or renamed county, you need to call 1-800-NWR-SAME because the code probably isn't in the list. Enter the code using the number buttons on the remote. Question marks (???) will appear in the area above the location code, which is normal since the TV isn't aware of this new area. Alert Guard will still respond if an alert is received for this location.*



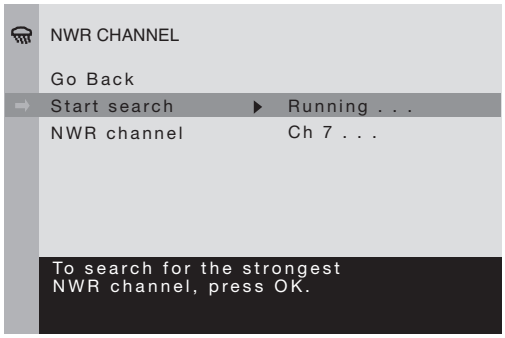

## News Weather

You can set up to four different news or weather channels which correspond to the NEWS WEATHER button on the remote.

The default for Choice 1 is channel 6. To set a different channel:

1. Press the down arrow button to highlight *Choice 1*.
2. Press the left or right arrow button to choose the first news weather channel. You can also use the number buttons to enter the channel, for example, channel 12. Press number 1, then 2, and then press OK.
3. To set the other news weather choices, follow the same steps.

Each time you press the NEWS WEATHER button, the TV toggles through the choices in the order they were set.




## NWR Channel

Alert Guard can search for the strongest NWR channel to use in order to receive an alert. If your TV is having trouble receiving a channel, you might need to search again for the NWR channel.

1. Select *NWR channel* from the ALERT GUARD menu.
2. Press the down arrow button to highlight *Start search*.
3. Press the OK button to begin the channel search. The TV searches through channels 1-7 to find the strongest reception.

*Notes: You might want to search manually for the best channel. The best channel is one that broadcasts information for your local area and is clearly understandable. Highlight NWR channel and press the left or right arrow button to select a channel.*

*The NWR channel and location work together. A transmitter serves specific counties, cities, etc., nearby. It might be necessary to select a different channel or locations. If Alert Guard detects a problem, on-screen messages appear to provide help.*

| Channel | Frequency (MHz) |
|---|---|
| 1 | 162.400 |
| 2 | 162.425 |
| 3 | 162.450 |
| 4 | 162.475 |
| 5 | 162.500 |
| 6 | 162.525 |
| 7 | 162.550 |



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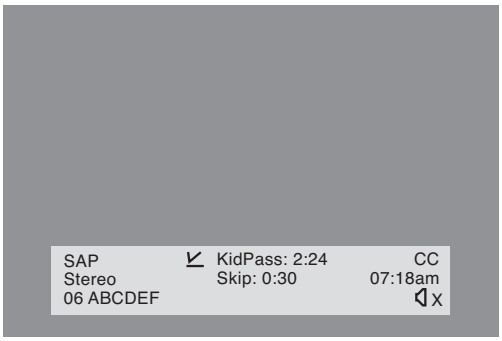


## Channel Banner

There are several items that might appear when you press the TV or INFO button on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).

| | |
|---|---|
| *SAP* | Displayed when the current channel is broadcasting SAP (Second Audio Program) information. |
| ↙ | Displayed when V-Chip has been activated. |
| *KidPass: 2:24* | Displayed when KidPass is set and the length of time remaining. |
| *CC* | Displayed when Closed Captioning is available on the current channel. |
| *Stereo* **or** *Mono* | Stereo displayed when the current channel is broadcasting in stereo. |
| | Mono displayed when the current channel is broadcasting in mono. |
| *Skip: 0:30* | Corresponds to the SKIP button. Shows the amount of time left before the TV switches back to the previous channel. |
| *07:18 am* | Displays the current time. |
| *06 ABCDEF* | Displays the current channel and label assigned to the channel. |
| X | Displayed when you mute the sound. |

## Why You Should Use the Auto Tuning Feature

The auto tuning feature automatically tunes the TV to the correct channel for different components you have connected to your TV (like a VCR, DVD Player, etc.) When you set up auto tuning in the menu system, you don't have to remember to change your TV to channel 3; for example, when you want to watch the tape in your VCR.

### How to Set Up the Auto Tuning Feature

The way you set up the auto tuning feature in the TV's menu corresponds to the component buttons on the remote and the way you have each component connected to your TV. When you set up auto tuning, you're telling the TV what channel to tune to when you press the VCR1, VCR2, DVD, or SAT•CABLE button on the remote control.

1. Press MENU (the *MAIN MENU* appears).
2. Highlight *Setup* and press OK on your remote control.
3. Highlight *Auto Tuning* and press OK.



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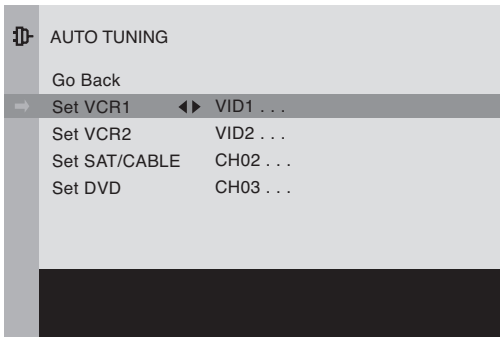
4. Choose which channel you would like to set:
   *Set VCR1* The channel the TV tunes to when you press the VCR1 button.
   *Set VCR2* The channel the TV tunes to when you press the VCR2 button.
   *Set SAT/CABLE* The channel the TV tunes to when you press the SAT•CABLE button.
   *Set DVD* The channel the TV tunes to when you press the DVD button.
5. Press the right arrow button to select the choice that matches the way you have the component connected to this TV, and press OK.

The choices and a brief explanation follow:




*N/A* Choose this if you don't have this particular component connected to the TV, or if you don't want the TV to automatically tune to the correct channel when you're using this component.

*CH02* **(SAT/CABLE only)** Component is connected to the TV ANT jack on the back of the TV, and you want the TV to tune to channel 2 when you press the SAT•CABLE button on the remote. Reminder: make sure the component's Channel 2/3/4 switch is set to channel 2. Usually this switch is on the back of the component.

*CH03 or 04* Component is connected to the TV ANT jack on the back of the TV, and you want the TV to tune to channel 3 or 4 when you press the corresponding button on the remote. Reminder: make sure the component's Channel 3/4 switch is set to the appropriate channel.

*VID1* Component is connected to the VIDEO 1 VIDEO or S-VIDEO jack on the back of the TV and you want the TV to tune to a video input channel when you press the corresponding button.

*VID2* Component is connected to the VIDEO 2 VIDEO or Y, Pb, Pr jacks on the back of the TV and you want the TV to tune to a video or component video input channel when you press the corresponding button.

*VID3* Compatible component video source, such as a DVD player or digital TV converter box, is connected to the VIDEO 3 Y, Pb, Pr jacks on the back of the TV and you want the TV to tune to the component video input channel when you press the corresponding button.

*FRNT (Front Video Input)* Component is connected to the VIDEO or S-VIDEO jack on the front of the TV and you want the TV to tune to the front video input channel when you press the corresponding button.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## Parental Controls and V-Chip

The choices in the *USA V-CHIP* menu involve software inside your TV (referred to as V-Chip) which allows you to block TV programs and movies based on violence, sex, or other content you may believe children should not view.

Once you block programs, you can unblock programs by entering a password.

By default, the software inside your TV is turned "off." For instructions to turn on V-Chip, go to page 28.

### How V-Chip Works

V-Chip reads the program's age-based rating (TV-MA, TV-14, etc.) and content themes [(Violence (V), Adult Language (L), etc.)]. If you have blocked the rating and/or content themes that the program contains, you will receive the message *This channel has not been approved for viewing. Change channel or press OK to enter password and temporarily deactivate the Parental Control.*

Broadcasters are not required to provide content themes, so programs received with no content themes will only be blocked if you block their age-based rating. You can also block out programs that have been given a rating of Not Rated, and programs that are considered unrated. The TV age-based ratings and content themes you can block follow:

### USA V-Chip Rating System

**TV-MA (Mature Audience Only)** Specifically designed to be viewed by adults and may be unsuitable for children under 17. It contains one or more of the following content themes: crude indecent language (L), explicit sexual activity (S), or graphic violence (V).

**TV-14 (Parents Strongly Cautioned)** Contains some material that many parents would find unsuitable for children under 14. Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following content themes: intensely suggestive dialogue (D), strong coarse language (L), intense sexual situations (S), or intense violence (V).

**TV-PG (Parental Guidance Suggested)** Contains material that parents may find unsuitable for younger children. Many parents may want to watch it with their younger children. The program contains one or more of the following content themes: some suggestive dialogue (D), infrequent coarse language (L), some sexual situations (S), or moderate violence (V).

**TV-G (General Audience)** Most parents would find this program suitable for all ages. It contains little or no sexual dialogue (D) or situations (S), no strong language (L), and little or no violence (V).

**TV-Y7 (Directed to Children 7 years and older)** Designed for children ages 7 and above. It may be more appropriate for children who have acquired the developmental skills needed to distinguish between make-believe and reality. Themes and elements in this program may include mild fantasy violence (FV) or comedic violence, or may frighten children under the age of 7.

**TV-Y (All Children)** Themes and elements in this program are designed for a young audience, including children from ages 2-6. It is not expected to frighten younger children.



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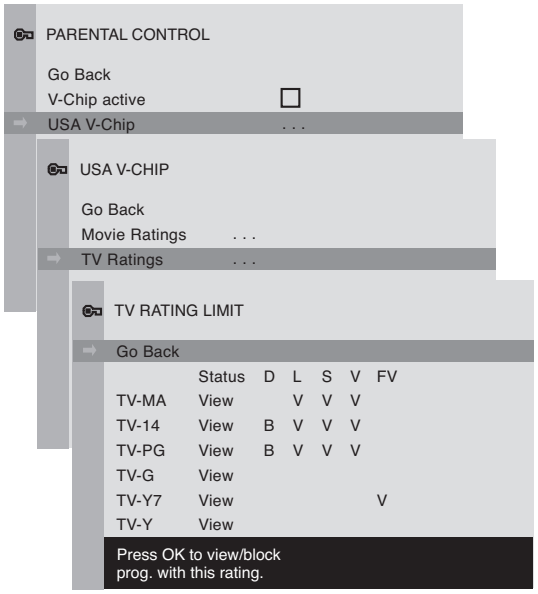



## USA V-Chip TV Rating Limit

The V-Chip TV Rating Limit lets you decide which TV programs can and cannot be viewed.
To set TV programming limits:

1. Choose *Parental Control* from the MAIN MENU (the *PASSWORD* screen appears the first time you enter the *Parental Control* menu). Create your password using the number buttons on the remote.
2. Highlight and select *USA V-Chip*. Then select *TV Ratings*.
3. Once you get to the *TV RATING LIMIT* screen, use the arrow buttons and OK on your remote to change the status of a TV program rating or content theme from *View* to *Block*.
4. For TV rating limits to take effect, turn *on V-Chip active* in the *PARENTAL CONTROL* menu (box has check mark).

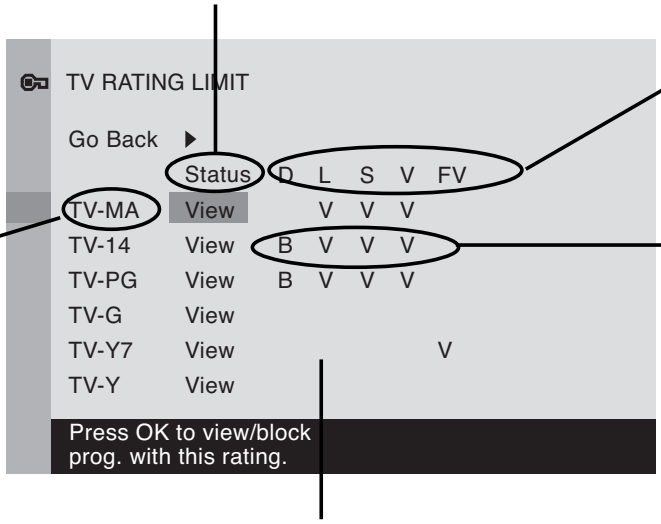
The following sections give you more details about how to change the status of TV program limits.

*Note: If you forget your password you can reset it. Make sure the TV is off. Simultaneously press and hold VOL< on the TV's front panel and CLEAR on the remote for approximately 5 seconds. Enter a new password the next time you access the PARENTAL CONTROL menu.*

### The V-Chip Rating Screen

The following is an example of where items are located within the Rating Limit screen.

**Rating Status Field**
Lets you select whether the status of the age-based rating limit to the left is View or Block.


TV RATING LIMIT
Go Back
Status D L S V FV
TV-MA View V V V
TV-14 View B V V V
TV-PG View B V V V
TV-G View
TV-Y7 View V
TV-Y View
Press OK to view/block prog. with this rating.

**Content Themes**
Lists the content themes you can block or view.

**Rating Field**
Lets you select from a list of age-based ratings you can block or view.

**Content Status Fields**
Lets you select which content themes to view for the selected rating, and whether the status of the content theme is currently View (V) or Block (B).

**Rating Settings Area**
Lets you see the current block/view state of age-based ratings and associated content.



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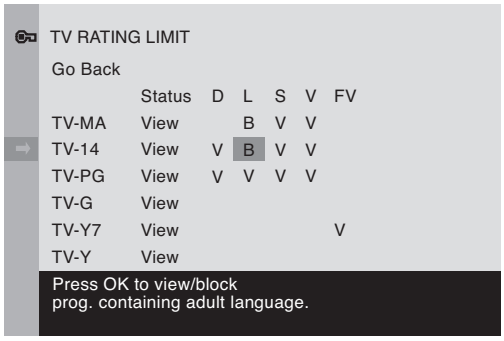
| Hierarchy of Age-Based Ratings | |
|---|---|
| *TV-MA* | *Mature Audience Only* |
| *TV-14* | *Parents Strongly Cautioned* |
| *TV-PG* | *Parental Guidance Suggested* |
| *TV-G* | *General Audience* |
| *TV-Y7* | *Directed to Children 7 years and older* |
| *TV-Y* | *All Children* |

| Content Themes | |
|---|---|
| *D* | *Sexually explicit dialogue* |
| *L* | *Adult language* |
| *S* | *Sexual situations* |
| *V* | *Violence* |
| *FV* | *Fantasy Violence* |




**Blocking Age-Based Ratings**

You can automatically block all program ratings above a specified age-based rating level.

To block programs with higher ratings:

1. Press the up or down arrow button to scroll to the rating corresponding with the lowest rating you don't want the child to watch.
2. Press the OK button to toggle between *View* and *Block*. The status for the rating listed to the left and all higher ratings automatically changes to *Block*.
3. Press the up or down arrow button to highlight *Go back* and press OK.
4. Turn on *V-Chip active* in the *PARENTAL CONTROL* menu (box has check mark) for rating limits to take effect.

**Viewing Age-Based Ratings**

After you block age-based ratings, you can change some of the ratings back to *View*.

1. Press the up or down arrow button to select the rating with a status of *Block*.
2. Press OK to select *View*.

## Blocking Specific Content Themes

You can block programs based on their content. (Content is represented by the D, L, S, V and FV on your screen.) When you block a content theme for a particular rating, you automatically block that content theme for higher rated programs as well.

To block program content:

1. Determine the content themes you want to block.
2. Press the down arrow button to scroll to the rating whose content theme you want to change.
3. Press the right arrow button to move the highlight to a particular content theme status.
4. Press the OK button to change its status to *B*. (In the example to the left, you block the language (L) corresponding with TV-14. The language for TV-MA is blocked as well).

*Notes: Broadcasters are not required to provide content themes or age-based ratings.*

*You must remember to activate Parental Controls for rating limits to take effect.*



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## Viewing Specific Content Themes

If you block specific content themes, you have the option of going back and changing some of the content themes back to *(V) View*:

1. Determine the content themes you want to change to *(V) View*.
2. Press the down arrow button to scroll to the rating whose content theme you want to change, such as *B* under language (L) corresponding with TV-14.
3. Press the right arrow button to move the highlight to a particular content theme status.
4. Press the OK button to change the status back to *V.* Your child would then be able to watch programs with the TV-14 adult language content, but not programs with TV-MA language content.

*Note: Only the content theme status corresponding to TV-14 (L) language changes to (V) View. Higher rated content themes, such as that for TV-MA language, do not change.*

## V-Chip Movie Rating Limit

Set movie rating limits by blocking movies rated above a specified level.

To access the Movie Rating menu:

1. Press MENU on the remote control (the *MAIN MENU* appears).
2. Select *Parental Control*.
3. Select *USA V-Chip*.
4. Select *Movie Ratings*.

### Blocking Movie Ratings

Once you are in the Movie Rating Limit menu, follow these steps to block V-Chip Ratings:

1. Determine the rating you want to block.
2. Press the down arrow button to scroll to the rating you want to change.
3. Press the OK button to change its status to block (the lock icon appears and all ratings above the one you selected change to lock).

## V-Chip Exempt Program Block

The *Exempt Prgms*. option lets you decide if programs that the V-Chip recognizes as unrated can be viewed. Unrated TV programs may include news, sports, political, religious, local and weather programs, emergency bulletins, public announcements, and programs without ratings.

*Unlocked* All unrated programs are available.
*Locked* All unrated programs are not available.

*Note: You must remember to activate V-Chip for rating limits to take effect.*

Press the down arrow button to highlight *Exempt Prgms*. Then press the right arrow button to toggle between the lock and unlock icon.



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### KidPass

The KidPass feature allows parents to set a certain amount of time every day of the week that a child can watch TV. To set KidPass:

1. Select *Parental Control* from the main menu.
2. Select *KidPass* (the *KIDPASS* menu appears with *Current Day* highlighted).

   *Note: If you can't select KidPass, you need to set the time. Highlight Go Back, press the right arrow button, then select Time. Highlight Time, then enter the time using the number buttons.*
3. Press the right arrow button to select the current day.
4. Press the down arrow button to choose the day of the week.
5. After you've chosen the day of the week, press the right arrow button to select the amount of time: *Free* and *00:30* up to *16:00* (30 minute increments).
6. When you're done setting KidPass, select *Go Back*.
7. Highlight *KidPass active* and press the right arrow button to activate the KidPass settings (box has check mark). The KidPass takes effect immediately.

When the time has expired, the TV shuts off. If you turn on the TV the same day it shut off, the password screen appears (enter the password used for V-Chip).

### V-Chip Active

Selecting this option lets you activate and deactivate parental control settings.

1. From the *PARENTAL CONTROL* menu, press the up or down arrow button to highlight *V-Chip active*.
2. Press the right or left arrow button to turn on (box has check mark) or off (box doesn't have check mark) *V-Chip active*.

**If you do not activate V-Chip, none of the settings for V-Chip will take effect.**

If you forget your password you can reset it. Make sure the TV is off. Simultaneously press and hold VOL< on the TV's front panel and CLEAR on the remote for approximately 5 seconds. Enter a new password the next time you access the PARENTAL CONTROL menu.

### Front Panel Lock

Selecting this option lets you lock (disable) or unlock (enable) the TV's front panel. The remote still tunes to any channel. When using this as a Parental Control method, remove access to any remote that is capable of operating the television.

1. From the *PARENTAL CONTROL* menu, press the up or down arrow button to highlight *Lock Fr.* Panel.
2. Press the right or left arrow button to turn on (box has check mark) or off (box doesn't have check mark) front panel lock.

### Change Password

Selecting this option lets you simply create a new password at any time. Once you enter a new password from *Change Passwd.* in the *PARENTAL CONTROL* menu it is the password you use until you change it again.



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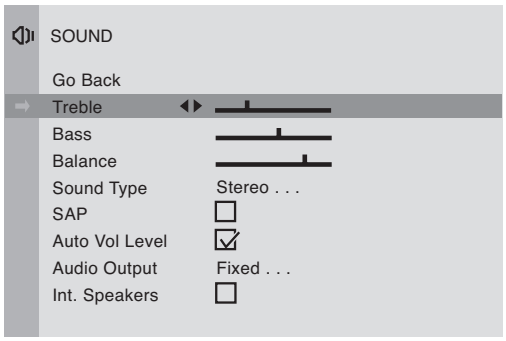


## Sound Menu

*Treble* Increases or decreases the treble.

*Bass* Increases or decreases the bass.

*Balance* Press the right arrow button to increase the audio output in the right speaker; press the left arrow button to increase the audio output in the left speaker.

*Sound type* Press the right arrow button to scroll through the available audio types, which control the way the sound comes through your speakers: *Mono* plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals; *Stereo* to split the incoming stereo audio signal into left and right channels; and *Enhanced* for simulated surround sound. Most TV programs and recorded materials have stereo audio. The word *Stereo* appears on the TV when you tune to a program that is broadcast in stereo.

*SAP* (*Second Audio Program)* Plays the program's audio in a second language, if one is available. The TV displays the word SAP when you tune to a program that is broadcast with SAP information. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired. Press OK to turn *SAP* on or off.

*Auto Vol level (Auto Volume Level)* Reduces the annoying blasts in volume during commercial breaks. Eliminates the need to constantly adjust volume control. Press OK to turn *Auto Vol level* on or off.

*Audio Output* Press the right arrow button to scroll through the available output settings: *Fixed* allows fixed output from the TV's audio output jacks to an external component, such as a surround sound amplifier; and *Variable* allows variable output from the TV's audio output jacks.

*Int. Speakers (Internal Speakers)* Turns the TV's internal speakers on or off. Turn off the internal speakers if you have an audio receiver or amplifier connected to the TV. Press OK to turn *Int. Speakers* on or off.

*Note: Turning the internal speakers off doesn't affect Alert Guard. When an alarm sounds or when the NWR is turned on, Alert Guard will temporarily override this setting.*



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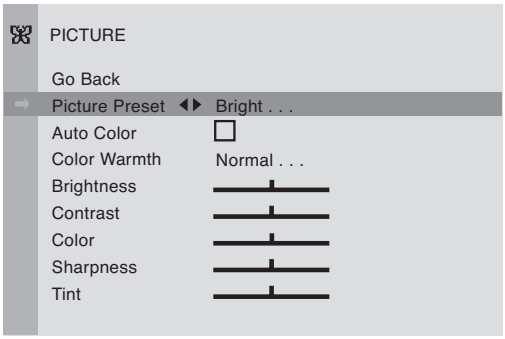
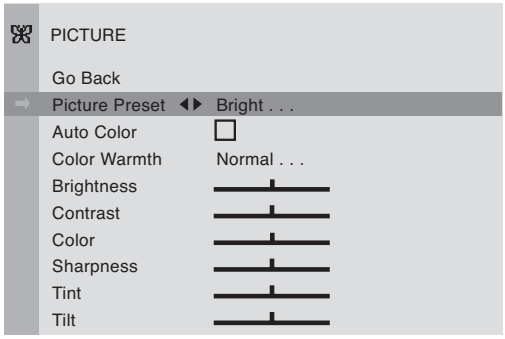



20F670T, 27V570T, and 27F670T Picture menu




32F670T Picture menu

## Picture Menu

The *PICTURE* menu options apply to the video for the main TV and video input selections.

*Picture Preset* Press the right arrow button to scroll through the available picture preset settings: *Natural*, *Bright*, *Soft*, and *Personal*. Choose the setting that is best for your viewing environment.

*Auto Color* Turn this option on to automatically correct the color of the picture. This is especially useful for tracking realistic flesh tone colors as you switch from channel to channel.

*Color Warmth* Press the right arrow button to scroll through the color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors.

*Brightness* Adjusts the brightness of the picture.

*Contrast* Adjusts the difference between the light and dark areas of the picture.

*Color* Adjusts the richness of the color.

*Sharpness* Adjusts the crispness of the edges in the picture.

*Note: Sharpness isn't available for component video input channels (CVID2 or CVID3).*

*Tint* Adjusts the balance between the red and green levels.

*Note: Tint isn't available for component video input channels (CVID2 or CVID3).*

When you change any of these picture settings, the *Picture Preset* changes to *Personal*. Use the left or right arrow button to make adjustments. To return to the *PICTURE* menu, press the up or down arrow button.

*Tilt (Available only on model 32F670T)* The TV has an extra large picture tube that makes it vulnerable to the effects of the Earth's magnetic field. You may need to adjust the picture tilt.



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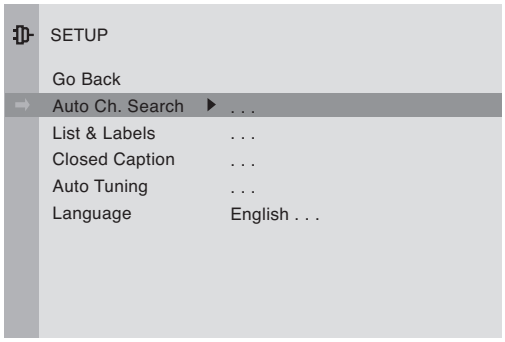


## Setup Menu

*Auto Ch. Search (Auto Channel Search)* Allows you to choose your signal type and begin an auto channel search.

*Signal Type* Press the left or right arrow button to select the signal your TV is receiving. Choose *Cable* if you are currently using cable or a cable box for TV signals. Choose *Antenna* if you are currently using an off-air antenna for TV signals.

*Start* Searches for channels the signal is receiving and stores them in the TV's channel list. Go to page 9 for more information.

*List & Labels* Edit the channels in the list or choose labels for each channel. For example, if channel 12 is NBC, you can use this feature to label it *NBC* so it appears on-screen as part of the Channel Banner.

To delete a channel from the channel list, highlight *Channel* and use the left or right arrow button to select the channel. Then highlight *In list* and press the OK button. The box should no longer display a check mark.

To add a label to a channel, select the channel in the *Channel* option. Press the down arrow button to highlight *Label*. Press the right arrow button to highlight the first space. Use the up or down arrow button to ascend or descend through the characters. Continue to press the right arrow button to highlight the space and the up or down arrow button to add a character. Press OK when you're finished adding a label.

*Closed Caption* Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, *CC* is displayed in the Channel Banner. Go to Chapter 3 for more information about the Channel Banner. The closed caption options are:

*CC Display* Lets you choose the way closed captioning information is shown on the screen.

*Off* No captioning information displayed.

*On* Captioning information always appears, when available.

*Muted=On* Displays captioning information, when available, whenever the TV's sound is muted by pressing the MUTE button. The captioning information is not displayed when the sound is not muted.



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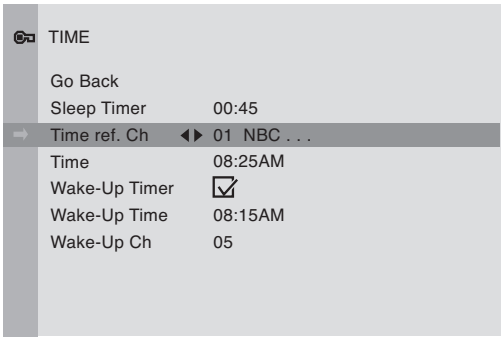
*CC Mode* Choose which captioning mode is used for displaying captioning information. If you are unsure of the differences among the modes, you may prefer to leave the closed captioned mode set to CC1, which displays complete text of the program in the primary language in your area.

*Auto Tuning* Displays a choice list that lets you set up the TV to automatically tune to the correct video input channel when you press a component button (VCR1, VCR2, DVD, SAT•CABLE, etc.) on the remote. Go to Chapter 3 for details about the auto tuning feature.

*Language* Lets you select your preferred language for the menus, which you should have set in the Initial Setup. Go to page 9 for more information.

## Parental Control Menu

The Parental Control menu was explained in Chapter 3. Go to page 24 for more information.




## Time Menu

*Sleep Timer* Lets you set the TV to turn off after a given time. Press the right arrow button to add 15 minutes to the clock (up to four hours).

*Time ref. Ch (Time reference Channel)* Choose your PBS station to have the TV set the time for you.

*Time* Time is set if you select a reference channel (see above). If time is not obtained, then enter it manually. If it is 8:25, for example, you must first press the number 0 on the remote, then number 8, then 2 and then 5. Use the OK button to choose between AM and PM.

*Wake-Up Timer* Lets you set the TV to turn itself on.

*Note: If the TV turns on by the wake-up timer and no remote or front panel buttons are pressed for 2 hours , the TV will turn itself off.*

*Wake-Up Time* Lets you set the time you want the TV to turn itself on.

*Wake-Up Ch (Wake-Up Channel)* Lets you select a specific channel the TV tunes to when the wake-up timer is set.

## Alert Guard Menu

The Alert Guard menu was explained in Chapter 3. Go to page 18 for more information.



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## Troubleshooting

Most problems with your TV can be corrected by consulting the following troubleshooting list.

*Note for U.S. customers: If you prefer, we can provide you with the name of an Authorized Service Representative who will visit your home for a fee to install your electronic entertainment system and to instruct you in its operation. For details about this service, call 1-888-206-3359. For additional assistance while using your RCA product, please visit www.rca.com/customersupport.*

### Alert Guard Problems

#### NWR channel not clear

- Make sure you have connected the provided Alert Guard antenna to the EXT Alert Guard ANT jack on the back of the TV. Go to page 8 for more information.
- You might be tuned to an NWR channel outside your immediate area. Go to the *NWR CHANNEL* menu to check all NWR channels receiving local area forecasts. Select the channel that sounds most appropriate.
- If the signal's still not clear, you might need to connect an outdoor or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For optimal reception, connect an outdoor antenna. Use an amplified antenna if you can't connect an outdoor antenna. Go to page 59 to purchase an amplified antenna.

#### Not getting local weather information from the NWR channel

- Make sure the NWR channel is set to a local channel.

#### Message on-screen that READY light is out and NWR channel can't send alerts for My Area

- You might be tuned to an NWR channel outside your immediate area. Go to the *NWR CHANNEL* menu to check all NWR channels receiving forecasts for your local area. If several channels sound equally as good, pick the one with your local forecast.
- You might have set *My Area* to a location where the TV isn't located. For example, you might live in Indiana, but have a cottage in Ottawa County, Michigan. If the TV is in Michigan, you need to set the state of *My Area* to Michigan and the county to Ottawa County. Go to the *Alert Guard* menu and select *Locations* to check *My Area* setting.
- In rare cases, the NWR channel might not serve your area (generally, rural areas). From the *LOCATIONS* menu select the next closest area to you or choose your state and select *All nearby*.

#### Message on-screen that READY light is out and no weekly test was received

- If you live in an area that generally does not receive good reception and you've tried setting a different NWR channel, you might need to connect an outdoor or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For optimal reception, connect an outdoor antenna. Use an amplified antenna if you can't connect an outdoor antenna. Go to page 59 to purchase an amplified antenna.
- If weather conditions are bad for several consecutive days, NOAA might not have been able to broadcast a test. If so, press CLEAR after receiving the message and check in a few days to see if the green READY light is back on. If the problem persists, the message will appear again in 9 days. Failure to fix the problem could result in alerts not being received.

#### Message on-screen that areas were removed

- NWR channel can't provide information for locations *Nearby 1*, *2*, or *3* (areas set in the *LOCATIONS* menu) if they're outside the reception area.



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### Message on-screen that I might have missed alerts

- Check the green light. If on, the signal might have been lost momentarily due to interference.
- The NWR channel might be too weak. Press the HEAR VOICE button on the remote. If it's not clear, you need to search for a stronger channel in the *NWR CHANNEL* menu. If you're already receiving the strongest channel, connect an external or amplified antenna to the EXT Alert Guard ANT jack on the back of the TV. For best reception, the external antenna should be located outside your home.

### Message on-screen that power was interrupted

- The TV can't receive alerts during a power outage. Press the HEAR VOICE button once power is restored to hear any alerts that might have been issued.

### Message seen option not working

- The TV can't display the message when the TV is off. Press the VIEW MESSAGE button to view the alert.

### Receiving too many alerts

- Go to the *Alert Guard* menu and select *Locations*. Check all the locations you set. If you've chosen *All of U.S.* or *All nearby*, you might want to select a specific area.
- If all four locations have been set in the *LOCATIONS* menu, consider setting *Nearby 1, 2* and *3* to *No Area.* Highlight the state you set for these areas and then press the left or right arrow button to choose *No Area* (it is listed before *Alabama* and after *St. Lawrence River.*

## TV Problems

### TV won't turn on

- Press the TV button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on page 35.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Lock Fr. Panel* in the *PARENTAL CONTROL* menu and press OK (box won't have check mark).

### Buttons don't work

- If you're using the remote control, press the TV button first to make sure the remote is in TV mode.
- The front panel controls may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Lock Fr. Panel* in the *PARENTAL CONTROL* menu and press OK (box won't have check mark).
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

### TV turns off unexpectedly

- Sleep timer may have been activated. Go to page 32 for instructions.
- KidPass may have been activated. Go to page 28 for instructions.
- Wake-up timer turned on the TV and no remote or front panel buttons were pressed for two hours.



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- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn on again. If this happens frequently, the voltage in your house may be abnormally high or low.
- Unplug TV. Wait five minutes. Plug it in again.

### TV turns on unexpectedly

- Wake-up timer might have been activated. Go to page 32 for instructions.
- You might have pressed CH+, CH- or OK on the remote accidentally.

### Blank screen

- Make sure you have connected the component to the TV correctly.
- Make sure the component connected to the TV's turned on and the TV's tuned to the corresponding video input channel.
- Try another channel.

### No sound, picture okay

- Maybe the sound is muted. Try pressing the volume up button to restore sound.
- Make sure the audio cables are fully connected to the AUDIO input jacks.
- If using S-Video or Y, $P_B$, $P_R$, remember to also connect the component's left and right audio output jacks to the TV's AUDIO input jacks.
- Make sure the *Int. Speakers* option in the *SOUND* menu is turned on.

### Can't select certain channel

- Channel may be blocked or not approved through the V-Chip.
- If using a VCR, check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

### Noisy stereo reception

- May be a weak station. Access the *SOUND* menu, highlight *Sound Type* and then choose *Mono*.

### No picture/blue screen, no sound but TV is on

- Maybe the signal type is set wrong. Go to page 31 for detailed instructions.
- The channel might be blank — change channels.
- If you're watching your VCR and it's connected with a coaxial cable to the TV ANT jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

### Sound okay, picture poor

- Check antenna and video connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting the sharpness function to improve weak signals. Go to page 30 for more instructions.

### Black box appears on the screen

- Closed-captioning might be on. Check *Closed Caption* in the *Setup* menu. Go to page 31 for more instructions.

### PASSWORD menu appears

- KidPass option is activated and you try to reset the time.
- You turn the TV on after KidPass shut off the TV.



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## The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the component (TV or VCR) that you're trying to operate.
- Maybe remote is not in TV Mode. Press the TV button so remote will control TV.
- Maybe batteries in remote are weak, dead, or installed incorrectly. Put new batteries in the remote. (Note, if you remove the batteries, you may have to reprogram the remote to operate other components.)
- You might need to reset the remote: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

## Problems with V-Chip/Parental Controls

### The rating limits don't work

- You must lock the settings. Go to the *MAIN MENU* (press MENU on your remote), select *Parental Control*, select *V-Chip active*.

### I don't remember my password and I want to unlock the TV

- If you forget your password you can reset it. Make sure the TV is off. Simultaneously press and hold VOL< on the TV's front panel and CLEAR on the remote for approximately 5 seconds. Enter a new password the next time you access the *PARENTAL CONTROL* menu.

### The V-Chip won't let me watch a program even though it's not rated as violent

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

## Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.

You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.

**The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water. Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.**

While cleaning do not spray liquid directly on the lights on the front of the TV, on the screen, or allow liquid to run down the screen and inside the TV. Also, never place drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

**Caution:** Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.



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# Alert Guard Location Codes

**If you can't find your location code, call 1-888-NWR-SAME**

**Alabama Counties**

| | |
|---|---|
| Autauga | 001001 |
| Baldwin | 001003 |
| Barbour | 001005 |
| Bibb | 001007 |
| Blount | 001009 |
| Bullock | 001011 |
| Butler | 001013 |
| Calhoun | 001015 |
| Chambers | 001017 |
| Cherokee | 001019 |
| Chilton | 001021 |
| Choctaw | 001023 |
| Clarke | 001025 |
| Clay | 001027 |
| Cleburne | 001029 |
| Coffee | 001031 |
| Colbert | 001033 |
| Conecuh | 001035 |
| Coosa | 001037 |
| Covington | 001039 |
| Crenshaw | 001041 |
| Cullman | 001043 |
| Dale | 001045 |
| Dallas | 001047 |
| DeKalb | 001049 |
| Elmore | 001051 |
| Escambia | 001053 |
| Etowah | 001055 |
| Fayette | 001057 |
| Franklin | 001059 |
| Geneva | 001061 |
| Greene | 001063 |
| Hale | 001065 |
| Henry | 001067 |
| Houston | 001069 |
| Jackson | 001071 |
| Jefferson | 001073 |
| Lamar | 001075 |
| Lauderdale | 001077 |
| Lawrence | 001079 |
| Lee | 001081 |
| Limestone | 001083 |
| Lowndes | 001085 |
| Macon | 001087 |
| Madison | 001089 |
| Marengo | 001091 |
| Marion | 001093 |
| Marshall | 001095 |
| Mobile | 001097 |
| Monroe | 001099 |
| Montgomery | 001101 |
| Morgan | 001103 |
| Perry | 001105 |
| Pickens | 001107 |
| Pike | 001109 |
| Randolph | 001111 |
| Russell | 001113 |
| St. Clair | 001115 |
| Shelby | 001117 |
| Sumter | 001119 |
| Talladega | 001121 |
| Tallapoosa | 001123 |
| Tuscaloosa | 001125 |
| Walker | 001127 |
| Washington | 001129 |
| Wilcox | 001131 |
| Winston | 001133 |

**Alaska**

| | |
|---|---|
| Aleutians East | 002013 |
| Aleutians West | 002016 |
| Anchorage | 002020 |
| Bethel | 002050 |
| Bristol Bay | 002060 |
| Denali | 002068 |
| Dillingham | 002070 |
| Fairbanks N. Star | 002090 |
| Haines | 002100 |
| Juneau | 002110 |
| Kenai Peninsula | 002122 |
| Ketchikan Gtwy. | 002130 |
| Kodiak Island | 002150 |
| Lake & Peninsula | 002164 |
| Matanuska-Susitna | 002170 |
| Nome | 002180 |
| North Slope | 002185 |
| Northwest Artic | 002188 |
| Pr. Wales-Outer Ketch | 002201 |
| Sitka | 002220 |
| Skagway-Hoonah-Ang | 002232 |
| Southeast Fairbanks | 002240 |
| Valdez-Cordova | 002261 |
| Wade Hampton | 002270 |
| Wrangell-Petersburg | 002280 |
| Yakutat | 002282 |
| Yukon-Koyukuk | 002290 |

**American Samoa**

| | |
|---|---|
| Eastern District | 060010 |
| Manu'a District | 060020 |
| Rose Island | 060030 |
| Swains Island | 060040 |
| Western District | 060050 |

**Arizona Counties**

| | |
|---|---|
| Apache | 004001 |
| Cochise | 004003 |
| Coconino | 004005 |
| Gila | 004007 |
| Graham | 004009 |
| Greenlee | 004011 |
| LaPaz | 004012 |
| Maricopa | 004013 |
| Mohave | 004015 |
| Navajo | 004017 |
| Pima | 004019 |
| Pinal | 004021 |
| Santa Cruz | 004023 |
| Yavapai | 004025 |
| Yuma | 004027 |

**Arkansas Counties**

| | |
|---|---|
| Arkansas | 005001 |
| Ashley | 005003 |
| Baxter | 005005 |
| Benton | 005007 |
| Boone | 005009 |
| Bradley | 005011 |
| Calhoun | 005013 |
| Carroll | 005015 |
| Chicot | 005017 |
| Clark | 005019 |
| Clay | 005021 |
| Cleburne | 005023 |
| Cleveland | 005025 |
| Columbia | 005027 |
| Conway | 005029 |
| Craighead | 005031 |
| Crawford | 005033 |
| Crittenden | 005035 |
| Cross | 005037 |
| Dallas | 005039 |
| Desha | 005041 |
| Drew | 005043 |
| Faulkner | 005045 |
| Franklin | 005047 |
| Fulton | 005049 |
| Garland | 005051 |
| Grant | 005053 |
| Greene | 005055 |
| Hempstead | 005057 |
| Hot Spring | 005059 |
| Howard | 005061 |
| Independence | 005063 |
| Izard | 005065 |
| Jackson | 005067 |
| Jefferson | 005069 |
| Johnson | 005071 |
| Lafayette | 005073 |
| Lawrence | 005075 |
| Lee | 005077 |
| Lincoln | 005079 |
| Little River | 005081 |
| Logan | 005083 |
| Lonoke | 005085 |
| Madison | 005087 |
| Marion | 005089 |
| Miller | 005091 |
| Mississippi | 005093 |
| Monroe | 005095 |
| Montgomery | 005097 |
| Nevada | 005099 |
| Newton | 005101 |
| Ouachita | 005103 |
| Perry | 005105 |
| Phillips | 005107 |
| Pike | 005109 |
| Poinsett | 005111 |
| Polk | 005113 |
| Pope | 005115 |
| Prairie | 005117 |
| Pulaski | 005119 |
| Randolph | 005121 |
| St. Francis | 005123 |



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**If you can't find your location code, call 1-888-NWR-SAME**

| | |
|---|---|
| Saline | 005125 |
| Scott | 005127 |
| Searcy | 005129 |
| Sebastian | 005131 |
| Sevier | 005133 |
| Sharp | 005135 |
| Stone | 005137 |
| Union | 005139 |
| Van Buren | 005141 |
| Washington | 005143 |
| White | 005145 |
| Woodruff | 005147 |
| Yell | 005149 |

**California Counties**

| | |
|---|---|
| Alameda | 006001 |
| Alpine | 006003 |
| Amador | 006005 |
| Butte | 006007 |
| Calaveras | 006009 |
| Colusa | 006011 |
| Contra Costa | 006013 |
| Del Norte | 006015 |
| El Dorado | 006017 |
| Fresno | 006019 |
| Glenn | 006021 |
| Humboldt | 006023 |
| Imperial | 006025 |
| Inyo | 006027 |
| Kern | 006029 |
| Kings | 006031 |
| Lake | 006033 |
| Lassen | 006035 |
| Los Angeles | 006037 |
| Madera | 006039 |
| Marin | 006041 |
| Mariposa | 006043 |
| Mendocino | 006045 |
| Merced | 006047 |
| Modoc | 006049 |
| Mono | 006051 |
| Monterey | 006053 |
| Napa | 006055 |
| Nevada | 006057 |
| Orange | 006059 |
| Placer | 006061 |
| Plumas | 006063 |
| Riverside | 006065 |
| Sacramento | 006067 |
| San Benito | 006069 |
| San Bernardino | 006071 |
| San Diego | 006073 |
| San Francisco | 006075 |
| San Joaquin | 006077 |
| San Luis Obispo | 006079 |
| San Mateo | 006081 |
| Santa Barbara | 006083 |
| Santa Clara | 006085 |
| Santa Cruz | 006087 |
| Shasta | 006089 |
| Sierra | 006091 |
| Siskiyou | 006093 |
| Solano | 006095 |
| Sonoma | 006097 |
| Stanislaus | 006099 |
| Sutter | 006101 |
| Tehama | 006103 |
| Trinity | 006105 |
| Tulare | 006107 |
| Tuolumne | 006109 |
| Ventura | 006111 |
| Yolo | 006113 |
| Yuba | 006115 |

**Colorado Counties**

| | |
|---|---|
| Adams | 008001 |
| Alamosa | 008003 |
| Arapahoe | 008005 |
| Archuleta | 008007 |
| Baca | 008009 |
| Bent | 008011 |
| Boulder | 008013 |
| Broomfield | 008014 |
| Chaffee | 008015 |
| Cheyenne | 008017 |
| Clear Creek | 008019 |
| Conejos | 008021 |
| Costilla | 008023 |
| Crowley | 008025 |
| Custer | 008027 |
| Delta | 008029 |
| Denver | 008031 |
| Dolores | 008033 |
| Douglas | 008035 |
| Eagle | 008037 |
| Elbert | 008039 |
| El Paso | 008041 |
| Fremont | 008043 |
| Garfield | 008045 |
| Gilpin | 008047 |
| Grand | 008049 |
| Gunnison | 008051 |
| Hinsdale | 008053 |
| Huerfano | 008055 |
| Jackson | 008057 |
| Jefferson | 008059 |
| Kiowa | 008061 |
| Kit Carson | 008063 |
| Lake | 008065 |
| La Plata | 008067 |
| Larimer | 008069 |
| Las Animas | 008071 |
| Lincoln | 008073 |
| Logan | 008075 |
| Mesa | 008077 |
| Mineral | 008079 |
| Moffat | 008081 |
| Montezuma | 008083 |
| Montrose | 008085 |
| Morgan | 008087 |
| Otero | 008089 |
| Ouray | 008091 |
| Park | 008093 |
| Phillips | 008095 |
| Pitkin | 008097 |
| Prowers | 008099 |
| Pueblo | 008101 |
| Rio Blanco | 008103 |
| Rio Grande | 008105 |
| Routt | 008107 |
| Saguache | 008109 |
| San Juan | 008111 |
| San Miguel | 008113 |
| Sedgwick | 008115 |
| Summit | 008117 |
| Teller | 008119 |
| Washington | 008121 |
| Weld | 008123 |
| Yuma | 008125 |

**Connecticut Counties**

| | |
|---|---|
| Fairfield | 009001 |
| Hartford | 009003 |
| Litchfield | 009005 |
| Middlesex | 009007 |
| New Haven | 009009 |
| New London | 009011 |
| Tolland | 009013 |
| Windham | 009015 |

**Delaware Counties**

| | |
|---|---|
| Kent | 010001 |
| New Castle | 010003 |
| Sussex | 010005 |

**Federated States of Micronesia**

| | |
|---|---|
| Chuuk | 064002 |
| Kosrae | 064005 |
| Pohnpei | 064040 |
| Yap | 064060 |

**Florida Counties**

| | |
|---|---|
| Alachua | 012001 |
| Baker | 012003 |
| Bay | 012005 |
| Bradford | 012007 |
| Brevard | 012009 |
| Broward | 012011 |
| Calhoun | 012013 |
| Charlotte | 012015 |
| Citrus | 012017 |
| Clay | 012019 |
| Collier | 012021 |
| Columbia | 012023 |
| DeSoto | 012027 |
| Dixie | 012029 |
| Duval | 012031 |
| Escambia | 012033 |
| Flagler | 012035 |
| Franklin | 012037 |
| Gadsden | 012039 |
| Gilchrist | 012041 |
| Glades | 012043 |
| Gulf | 012045 |
| Hamilton | 012047 |
| Hardee | 012049 |
| Hendry | 012051 |
| Hernando | 012053 |
| Highlands | 012055 |
| Hillsborough | 012057 |
| Holmes | 012059 |
| Indian River | 012061 |
| Jackson | 012063 |
| Jefferson | 012065 |
| Lafayette | 012067 |
| Lake | 012069 |
| Lee | 012071 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Leon | 012073 | Bulloch | 013031 | Gordon | 013129 | Pickens | 013227 |
| Levy | 012075 | Burke | 013033 | Grady | 013131 | Pierce | 013229 |
| Liberty | 012077 | Butts | 013035 | Greene | 013133 | Pike | 013231 |
| Madison | 012079 | Calhoun | 013037 | Gwinnett | 013135 | Polk | 013233 |
| Manatee | 012081 | Camden | 013039 | Habersham | 013137 | Pulaski | 013235 |
| Marion | 012083 | Candler | 013043 | Hall | 013139 | Putnam | 013237 |
| Martin | 012085 | Carroll | 013045 | Hancock | 013141 | Quitman | 013239 |
| Miami-Dade | 012086 | Catoosa | 013047 | Haralson | 013143 | Rabun | 013241 |
| Monroe | 012087 | Charlton | 013049 | Harris | 013145 | Randolph | 013243 |
| Nassau | 012089 | Chatham | 013051 | Hart | 013147 | Richmond | 013245 |
| Okaloosa | 012091 | Chattahoochee | 013053 | Heard | 013149 | Rockdale | 013247 |
| Okeechobee | 012093 | Chattooga | 013055 | Henry | 013151 | Schley | 013249 |
| Orange | 012095 | Cherokee | 013057 | Houston | 013153 | Screven | 013251 |
| Osceola | 012097 | Clarke | 013059 | Irwin | 013155 | Seminole | 013253 |
| Palm Beach | 012099 | Clay | 013061 | Jackson | 013157 | Spalding | 013255 |
| Pasco | 012101 | Clayton | 013063 | Jasper | 013159 | Stephens | 013257 |
| Pinellas | 012103 | Clinch | 013065 | Jeff Davis | 013161 | Stewart | 013259 |
| Polk | 012105 | Cobb | 013067 | Jefferson | 013163 | Sumter | 013261 |
| Putnam | 012107 | Coffee | 013069 | Jenkins | 013165 | Talbot | 013263 |
| St. Johns | 012109 | Colquitt | 013071 | Johnson | 013167 | Taliaferro | 013265 |
| St. Lucie | 012111 | Columbia | 013073 | Jones | 013169 | Tattnall | 013267 |
| Santa Rosa | 012113 | Cook | 013075 | Lamar | 013171 | Taylor | 013269 |
| Sarasota | 012115 | Coweta | 013077 | Lanier | 013173 | Telfair | 013271 |
| Seminole | 012117 | Crawford | 013079 | Laurens | 013175 | Terrell | 013273 |
| Sumter | 012119 | Crisp | 013081 | Lee | 013177 | Thomas | 013275 |
| Suwannee | 012121 | Dade | 013083 | Liberty | 013179 | Tift | 013277 |
| Taylor | 012123 | Dawson | 013085 | Lincoln | 013181 | Toombs | 013279 |
| Union | 012125 | Decatur | 013087 | Long | 013183 | Towns | 013281 |
| Volusia | 012127 | DeKalb | 013089 | Lowndes | 013185 | Treutlen | 013283 |
| Wakulla | 012129 | Dodge | 013091 | Lumpkin | 013187 | Troup | 013285 |
| Walton | 012131 | Dooly | 013093 | McDuffie | 013189 | Turner | 013287 |
| Washington | 012133 | Dougherty | 013095 | McIntosh | 013191 | Twiggs | 013289 |
| **Georgia Counties** | | Douglas | 013097 | Macon | 013193 | Union | 013291 |
| Appling | 013001 | Early | 013099 | Madison | 013195 | Upson | 013293 |
| Atkinson | 013003 | Echols | 013101 | Marion | 013197 | Walker | 013295 |
| Bacon | 013005 | Effingham | 013103 | Meriwether | 013199 | Walton | 013297 |
| Baker | 013007 | Elbert | 013105 | Miller | 013201 | Ware | 013299 |
| Baldwin | 013009 | Emanuel | 013107 | Mitchell | 013205 | Warren | 013301 |
| Banks | 013011 | Evans | 013109 | Monroe | 013207 | Washington | 013303 |
| Barrow | 013013 | Fannin | 013111 | Montgomery | 013209 | Wayne | 013305 |
| Bartow | 013015 | Fayette | 013113 | Morgan | 013211 | Webster | 013307 |
| Ben Hill | 013017 | Floyd | 013115 | Murray | 013213 | Wheeler | 013309 |
| Berrien | 013019 | Forsyth | 013117 | Muscogee | 013215 | White | 013311 |
| Bibb | 013021 | Franklin | 013119 | Newton | 013217 | Whitfield | 013313 |
| Bleckley | 013023 | Fulton | 013121 | Oconee | 013219 | Wilcox | 013315 |
| Brantley | 013025 | Gilmer | 013123 | Oglethorpe | 013221 | Wilkes | 013317 |
| Brooks | 013027 | Glascock | 013125 | Paulding | 013223 | Wilkinson | 013319 |
| Bryan | 013029 | Glynn | 013127 | Peach | 013225 | Worth | 013321 |



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| Hawaii Counties | |
|---|---|
| Hawaii | 015001 |
| Honolulu | 015003 |
| Kalawao | 015005 |
| Kauai | 015007 |
| Maui | 015009 |
| **Idaho Counties** | |
| Ada | 016001 |
| Adams | 016003 |
| Bannock | 016005 |
| Bear Lake | 016007 |
| Benewah | 016009 |
| Bingham | 016011 |
| Blaine | 016013 |
| Boise | 016015 |
| Bonner | 016017 |
| Bonneville | 016019 |
| Boundary | 016021 |
| Butte | 016023 |
| Camas | 016025 |
| Canyon | 016027 |
| Caribou | 016029 |
| Cassia | 016031 |
| Clark | 016033 |
| Clearwater | 016035 |
| Custer | 016037 |
| Elmore | 016039 |
| Franklin | 016041 |
| Fremont | 016043 |
| Gem | 016045 |
| Gooding | 016047 |
| Idaho | 016049 |
| Jefferson | 016051 |
| Jerome | 016053 |
| Kootenai | 016055 |
| Latah | 016057 |
| Lemhi | 016059 |
| Lewis | 016061 |
| Lincoln | 016063 |
| Madison | 016065 |
| Minidoka | 016067 |
| Nez Perce | 016069 |
| Oneida | 016071 |
| Owyhee | 016073 |
| Payette | 016075 |
| Power | 016077 |
| Shoshone | 016079 |
| Teton | 016081 |
| Twin Falls | 016083 |
| Valley | 016085 |
| Washington | 016087 |
| **Illinois Counties** | |
| Adams | 017001 |
| Alexander | 017003 |
| Bond | 017005 |
| Boone | 017007 |
| Brown | 017009 |
| Bureau | 017011 |
| Calhoun | 017013 |
| Carroll | 017015 |
| Cass | 017017 |
| Champaign | 017019 |
| Christian | 017021 |
| Clark | 017023 |
| Clay | 017025 |
| Clinton | 017027 |
| Coles | 017029 |
| Cook | 017031 |
| Crawford | 017033 |
| Cumberland | 017035 |
| DeKalb | 017037 |
| De Witt | 017039 |
| Douglas | 017041 |
| DuPage | 017043 |
| Edgar | 017045 |
| Edwards | 017047 |
| Effingham | 017049 |
| Fayette | 017051 |
| Ford | 017053 |
| Franklin | 017055 |
| Fulton | 017057 |
| Gallatin | 017059 |
| Greene | 017061 |
| Grundy | 017063 |
| Hamilton | 017065 |
| Hancock | 017067 |
| Hardin | 017069 |
| Henderson | 017071 |
| Henry | 017073 |
| Iroquois | 017075 |
| Jackson | 017077 |
| Jasper | 017079 |
| Jefferson | 017081 |
| Jersey | 017083 |
| Jo Daviess | 017085 |
| Johnson | 017087 |
| Kane | 017089 |
| Kankakee | 017091 |
| Kendall | 017093 |
| Knox | 017095 |
| Lake | 017097 |
| La Salle | 017099 |
| Lawrence | 017101 |
| Lee | 017103 |
| Livingston | 017105 |
| Logan | 017107 |
| McDonough | 017109 |
| McHenry | 017111 |
| McLean | 017113 |
| Macon | 017115 |
| Macoupin | 017117 |
| Madison | 017119 |
| Marion | 017121 |
| Marshall | 017123 |
| Mason | 017125 |
| Massac | 017127 |
| Menard | 017129 |
| Mercer | 017131 |
| Monroe | 017133 |
| Montgomery | 017135 |
| Morgan | 017137 |
| Moultrie | 017139 |
| Ogle | 017141 |
| Peoria | 017143 |
| Perry | 017145 |
| Piatt | 017147 |
| Pike | 017149 |
| Pope | 017151 |
| Pulaski | 017153 |
| Putnam | 017155 |
| Randolph | 017157 |
| Richland | 017159 |
| Rock Island | 017161 |
| St. Clair | 017163 |
| Saline | 017165 |
| Sangamon | 017167 |
| Schuyler | 017169 |
| Scott | 017171 |
| Shelby | 017173 |
| Stark | 017175 |
| Stephenson | 017177 |
| Tazewell | 017179 |
| Union | 017181 |
| Vermilion | 017183 |
| Wabash | 017185 |
| Warren | 017187 |
| Washington | 017189 |
| Wayne | 017191 |
| White | 017193 |
| Whiteside | 017195 |
| Will | 017197 |
| Williamson | 017199 |
| Winnebago | 017201 |
| Woodford | 017203 |
| **Indiana Counties** | |
| Adams | 018001 |
| Allen | 018003 |
| Bartholomew | 018005 |
| Benton | 018007 |
| Blackford | 018009 |
| Boone | 018011 |
| Brown | 018013 |
| Carroll | 018015 |
| Cass | 018017 |
| Clark | 018019 |
| Clay | 018021 |
| Clinton | 018023 |
| Crawford | 018025 |
| Daviess | 018027 |
| Dearborn | 018029 |
| Decatur | 018031 |
| DeKalb | 018033 |
| Delaware | 018035 |
| Dubois | 018037 |
| Elkhart | 018039 |
| Fayette | 018041 |
| Floyd | 018043 |
| Fountain | 018045 |
| Franklin | 018047 |
| Fulton | 018049 |
| Gibson | 018051 |
| Grant | 018053 |
| Greene | 018055 |
| Hamilton | 018057 |
| Hancock | 018059 |
| Harrison | 018061 |
| Hendricks | 018063 |
| Henry | 018065 |
| Howard | 018067 |
| Huntington | 018069 |
| Jackson | 018071 |
| Jasper | 018073 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Jay | 018075 | Warren | 018171 | Hancock | 019081 | Van Buren | 019177 |
| Jefferson | 018077 | Warrick | 018173 | Hardin | 019083 | Wapello | 019179 |
| Jennings | 018079 | Washington | 018175 | Harrison | 019085 | Warren | 019181 |
| Johnson | 018081 | Wayne | 018177 | Henry | 019087 | Washington | 019183 |
| Knox | 018083 | Wells | 018179 | Howard | 019089 | Wayne | 019185 |
| Kosciusko | 018085 | White | 018181 | Humboldt | 019091 | Webster | 019187 |
| LaGrange | 018087 | Whitley | 018183 | Ida | 019093 | Winnebago | 019189 |
| Lake | 018089 | **Iowa Counties** | | Iowa | 019095 | Winneshiek | 019191 |
| La Porte | 018091 | Adair | 019001 | Jackson | 019097 | Woodbury | 019193 |
| Lawrence | 018093 | Adams | 019003 | Jasper | 019099 | Worth | 019195 |
| Madison | 018095 | Allamakee | 019005 | Jefferson | 019101 | Wright | 019197 |
| Marion | 018097 | Appanoose | 019007 | Johnson | 019103 | **Kansas Counties** | |
| Marshall | 018099 | Audubon | 019009 | Jones | 019105 | Allen | 020001 |
| Martin | 018101 | Benton | 019011 | Keokuk | 019107 | Anderson | 020003 |
| Miami | 018103 | Black Hawk | 019013 | Kossuth | 019109 | Atchison | 020005 |
| Monroe | 018105 | Boone | 019015 | Lee | 019111 | Barber | 020007 |
| Montgomery | 018107 | Bremer | 019017 | Linn | 019113 | Barton | 020009 |
| Morgan | 018109 | Buchanan | 019019 | Louisa | 019115 | Bourbon | 020011 |
| Newton | 018111 | Buena Vista | 019021 | Lucas | 019117 | Brown | 020013 |
| Noble | 018113 | Butler | 019023 | Lyon | 019119 | Butler | 020015 |
| Ohio | 018115 | Calhoun | 019025 | Madison | 019121 | Chase | 020017 |
| Orange | 018117 | Carroll | 019027 | Mahaska | 019123 | Chautauqua | 020019 |
| Owen | 018119 | Cass | 019029 | Marion | 019125 | Cherokee | 020021 |
| Parke | 018121 | Cedar | 019031 | Marshall | 019127 | Cheyenne | 020023 |
| Perry | 018123 | Cerro Gordo | 019033 | Mills | 019129 | Clark | 020025 |
| Pike | 018125 | Cherokee | 019035 | Mitchell | 019131 | Clay | 020027 |
| Porter | 018127 | Chickasaw | 019037 | Monona | 019133 | Cloud | 020029 |
| Posey | 018129 | Clarke | 019039 | Monroe | 019135 | Coffey | 020031 |
| Pulaski | 018131 | Clay | 019041 | Montgomery | 019137 | Comanche | 020033 |
| Putnam | 018133 | Clayton | 019043 | Muscatine | 019139 | Cowley | 020035 |
| Randolph | 018135 | Clinton | 019045 | O'Brien | 019141 | Crawford | 020037 |
| Ripley | 018137 | Crawford | 019047 | Osceola | 019143 | Decatur | 020039 |
| Rush | 018139 | Dallas | 019049 | Page | 019145 | Dickinson | 020041 |
| St. Joseph | 018141 | Davis | 019051 | Palo Alto | 019147 | Doniphan | 020043 |
| Scott | 018143 | Decatur | 019053 | Plymouth | 019149 | Douglas | 020045 |
| Shelby | 018145 | Delaware | 019055 | Pocahontas | 019151 | Edwards | 020047 |
| Spencer | 018147 | Des Moines | 019057 | Polk | 019153 | Elk | 020049 |
| Starke | 018149 | Dickinson | 019059 | Pottawattamie | 019155 | Ellis | 020051 |
| Steuben | 018151 | Dubuque | 019061 | Poweshiek | 019157 | Ellsworth | 020053 |
| Sullivan | 018153 | Emmet | 019063 | Ringgold | 019159 | Finney | 020055 |
| Switzerland | 018155 | Fayette | 019065 | Sac | 019161 | Ford | 020057 |
| Tippecanoe | 018157 | Floyd | 019067 | Scott | 019163 | Franklin | 020059 |
| Tipton | 018159 | Franklin | 019069 | Shelby | 019165 | Geary | 020061 |
| Union | 018161 | Fremont | 019071 | Sioux | 019167 | Gove | 020063 |
| Vanderburgh | 018163 | Greene | 019073 | Story | 019169 | Graham | 020065 |
| Vermillion | 018165 | Grundy | 019075 | Tama | 019171 | Grant | 020067 |
| Vigo | 018167 | Guthrie | 019077 | Taylor | 019173 | Gray | 020069 |
| Wabash | 018169 | Hamilton | 019079 | Union | 019175 | Greeley | 020071 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Greenwood | 020073 | Saline | 020169 | Clinton | 021053 | McLean | 021149 |
| Hamilton | 020075 | Scott | 020171 | Crittenden | 021055 | Madison | 021151 |
| Harper | 020077 | Sedgwick | 020173 | Cumberland | 021057 | Magoffin | 021153 |
| Harvey | 020079 | Seward | 020175 | Daviess | 021059 | Marion | 021155 |
| Haskell | 020081 | Shawnee | 020177 | Edmonson | 021061 | Marshall | 021157 |
| Hodgeman | 020083 | Sheridan | 020179 | Elliott | 021063 | Martin | 021159 |
| Jackson | 020085 | Sherman | 020181 | Estill | 021065 | Mason | 021161 |
| Jefferson | 020087 | Smith | 020183 | Fayette | 021067 | Meade | 021163 |
| Jewell | 020089 | Stafford | 020185 | Fleming | 021069 | Menifee | 021165 |
| Johnson | 020091 | Stanton | 020187 | Floyd | 021071 | Mercer | 021167 |
| Kearney | 020093 | Stevens | 020189 | Franklin | 021073 | Metcalfe | 021169 |
| Kingman | 020095 | Sumner | 020191 | Fulton | 021075 | Monroe | 021171 |
| Kiowa | 020097 | Thomas | 020193 | Gallatin | 021077 | Montgomery | 021173 |
| Labette | 020099 | Trego | 020195 | Garrard | 021079 | Morgan | 021175 |
| Lane | 020101 | Wabaunsee | 020197 | Grant | 021081 | Muhlenberg | 021177 |
| Leavenworth | 020103 | Wallace | 020199 | Graves | 021083 | Nelson | 021179 |
| Lincoln | 020105 | Washington | 020201 | Grayson | 021085 | Nicholas | 021181 |
| Linn | 020107 | Wichita | 020203 | Green | 021087 | Ohio | 021183 |
| Logan | 020109 | Wilson | 020205 | Greenup | 021089 | Oldham | 021185 |
| Lyon | 020111 | Woodson | 020207 | Hancock | 021091 | Owen | 021187 |
| McPherson | 020113 | Wyandotte | 020209 | Hardin | 021093 | Owsley | 021189 |
| Marion | 020115 | **Kentucky Counties** | | Harlan | 021095 | Pendleton | 021191 |
| Marshall | 020117 | Adair | 021001 | Harrison | 021097 | Perry | 021193 |
| Meade | 020119 | Allen | 021003 | Hart | 021099 | Pike | 021195 |
| Miami | 020121 | Anderson | 021005 | Henderson | 021101 | Powell | 021197 |
| Mitchell | 020123 | Ballard | 021007 | Henry | 021103 | Pulaski | 021199 |
| Montgomery | 020125 | Barren | 021009 | Hickman | 021105 | Robertson | 021201 |
| Morris | 020127 | Bath | 021011 | Hopkins | 021107 | Rockcastle | 021203 |
| Morton | 020129 | Bell | 021013 | Jackson | 021109 | Rowan | 021205 |
| Nemaha | 020131 | Boone | 021015 | Jefferson | 021111 | Russell | 021207 |
| Neosho | 020133 | Bourbon | 021017 | Jessamine | 021113 | Scott | 021209 |
| Ness | 020135 | Boyd | 021019 | Johnson | 021115 | Shelby | 021211 |
| Norton | 020137 | Boyle | 021021 | Kenton | 021117 | Simpson | 021213 |
| Osage | 020139 | Bracken | 021023 | Knott | 021119 | Spencer | 021215 |
| Osborne | 020141 | Breathitt | 021025 | Knox | 021121 | Taylor | 021217 |
| Ottawa | 020143 | Breckinridge | 021027 | Larue | 021123 | Todd | 021219 |
| Pawnee | 020145 | Bullitt | 021029 | Laurel | 021125 | Trigg | 021221 |
| Phillips | 020147 | Butler | 021031 | Lawrence | 021127 | Trimble | 021223 |
| Pottawatomie | 020149 | Caldwell | 021033 | Lee | 021129 | Union | 021225 |
| Pratt | 020151 | Calloway | 021035 | Leslie | 021131 | Warren | 021227 |
| Rawlins | 020153 | Campbell | 021037 | Letcher | 021133 | Washington | 021229 |
| Reno | 020155 | Carlisle | 021039 | Lewis | 021135 | Wayne | 021231 |
| Republic | 020157 | Carroll | 021041 | Lincoln | 021137 | Webster | 021233 |
| Rice | 020159 | Carter | 021043 | Livingston | 021139 | Whitely | 021235 |
| Riley | 020161 | Casey | 021045 | Logan | 021141 | Wolfe | 021237 |
| Rooks | 020163 | Christian | 021047 | Lyon | 021143 | Woodford | 021239 |
| Rush | 020165 | Clark | 021049 | McCracken | 021145 | | |
| Russell | 020167 | Clay | 021051 | McCreary | 021147 | | |



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| Louisiana Parishes | |
|---|---|
| Acadia | 022001 |
| Allen | 022003 |
| Ascension | 022005 |
| Assumption | 022007 |
| Avoyelles | 022009 |
| Beauregard | 022011 |
| Bienville | 022013 |
| Bossier | 022015 |
| Caddo | 022017 |
| Calcasieu | 022019 |
| Caldwell | 022021 |
| Cameron | 022023 |
| Catahoula | 022025 |
| Claiborne | 022027 |
| Concordia | 022029 |
| DeSoto | 022031 |
| E. Baton Rouge | 022033 |
| E. Carroll | 022035 |
| E. Feliciana | 022037 |
| Evangeline | 022039 |
| Franklin | 022041 |
| Grant | 022043 |
| Iberia | 022045 |
| Iberville | 022047 |
| Jackson | 022049 |
| Jefferson | 022051 |
| Jefferson Davis | 022053 |
| Lafayette | 022055 |
| Lafourche | 022057 |
| La Salle | 022059 |
| Lincoln | 022061 |
| Livingston | 022063 |
| Madison | 022065 |
| Morehouse | 022067 |
| Natchitoches | 022069 |
| Orleans | 022071 |
| Ouachita | 022073 |
| Plaquemines | 022075 |
| Pointe Coupee | 022077 |
| Rapides | 022079 |
| Red River | 022081 |
| Richland | 022083 |
| Sabine | 022085 |
| St. Bernard | 022087 |
| St. Charles | 022089 |
| St. Helena | 022091 |
| St. James | 022093 |
| St. John, Baptist | 022095 |
| St. Landry | 022097 |
| St. Martin | 022099 |
| St. Mary | 022101 |
| St. Tammany | 022103 |
| Tangipahoa | 022105 |
| Tensas | 022107 |
| Terrebonne | 022109 |
| Union | 022111 |
| Vermilion | 022113 |
| Vernon | 022115 |
| Washington | 022117 |
| Webster | 022119 |
| W. Baton Rouge | 022121 |
| W. Carroll | 022123 |
| W. Feliciana | 022125 |
| Winn | 022127 |

| Maine Counties | |
|---|---|
| Androscoggin | 023001 |
| Aroostook | 023003 |
| Cumberland | 023005 |
| Franklin | 023007 |
| Hancock | 023009 |
| Kennebec | 023011 |
| Knox | 023013 |
| Lincoln | 023015 |
| Oxford | 023017 |
| Penobscot | 023019 |
| Piscataquis | 023021 |
| Sagadahoc | 023023 |
| Somerset | 023025 |
| Waldo | 023027 |
| Washington | 023029 |
| York | 023031 |

| Marshall Islands | |
|---|---|
| Ailinginae Atoll | 068007 |
| Ailinglaplap Atoll | 068010 |
| Ailuk Atoll | 068030 |
| Arno Atoll | 068040 |
| Aur Atoll | 068050 |
| Bikar Atoll | 068060 |
| Bikini Atoll | 068070 |
| Bokak Atoll | 068073 |
| Ebon Atoll | 068080 |
| Enewetak Atoll | 068090 |
| Erikub Atoll | 068100 |
| Jabat Island | 068110 |
| Jaluit Atoll | 068120 |
| Jemo Island | 068130 |
| Kili Island | 068140 |
| Kwajalein Atoll | 068150 |
| Lae Atoll | 068160 |
| Lib Island | 068170 |
| Likiep Atoll | 068180 |
| Majuro Atoll | 068190 |
| Maloelap Atoll | 068300 |
| Mejit Island | 068310 |
| Mili Atoll | 068320 |
| Namorik Atoll | 068330 |
| Namu Atoll | 068340 |
| Rongelap Atoll | 068350 |
| Rongrik Atoll | 068360 |
| Toke Atoll | 068385 |
| Ujae Atoll | 068390 |
| Ujelang Atoll | 068400 |
| Utrik Atoll | 068410 |
| Wotho Atoll | 068420 |
| Wotje Atoll | 068430 |

| Maryland Cities | |
|---|---|
| City of Baltimore | 024510 |

| Maryland Counties | |
|---|---|
| Allegany | 024001 |
| Anne Arundel | 024003 |
| Baltimore | 024005 |
| Calvert | 024009 |
| Caroline | 024011 |
| Carroll | 024013 |
| Cecil | 024015 |
| Charles | 024017 |
| Dorchester | 024019 |
| Frederick | 024021 |
| Garrett | 024023 |
| Harford | 024025 |
| Howard | 024027 |
| Kent | 024029 |
| Montgomery | 024031 |
| Prince George's | 024033 |
| Queen Anne's | 024035 |
| St. Mary's | 024037 |
| Somerset | 024039 |
| Talbot | 024041 |
| Washington | 024043 |
| Wicomico | 024045 |
| Worcester | 024047 |

| Massachusetts Counties | |
|---|---|
| Barnstable | 025001 |
| Berkshire | 025003 |
| Bristol | 025005 |
| Dukes | 025007 |
| Essex | 025009 |
| Franklin | 025011 |
| Hampden | 025013 |
| Hampshire | 025015 |
| Middlesex | 025017 |
| Nantucket | 025019 |
| Norfolk | 025021 |
| Plymouth | 025023 |
| Suffolk | 025025 |
| Worcester | 025027 |

| Michigan Counties | |
|---|---|
| Alcona | 026001 |
| Alger | 026003 |
| Allegan | 026005 |
| Alpena | 026007 |
| Antrim | 026009 |
| Arenac | 026011 |
| Baraga | 026013 |
| Barry | 026015 |
| Bay | 026017 |
| Benzie | 026019 |
| Berrien | 026021 |
| Branch | 026023 |
| Calhoun | 026025 |
| Cass | 026027 |
| Charlevoix | 026029 |
| Cheboygan | 026031 |
| Chippewa | 026033 |
| Clare | 026035 |
| Clinton | 026037 |
| Crawford | 026039 |
| Delta | 026041 |
| Dickinson | 026043 |
| Eaton | 026045 |
| Emmet | 026047 |
| Genesee | 026049 |
| Gladwin | 026051 |
| Gogebic | 026053 |
| Grand Traverse | 026055 |
| Gratiot | 026057 |
| Hillsdale | 026059 |
| Houghton | 026061 |
| Huron | 026063 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Ingham | 026065 | Washtenaw | 026161 | Mahnomen | 027087 | Attala | 028007 |
| Ionia | 026067 | Wayne | 026163 | Marshall | 027089 | Benton | 028009 |
| Iosco | 026069 | Wexford | 026165 | Martin | 027091 | Bolivar | 028011 |
| Iron | 026071 | **Minnesota Counties** | | Meeker | 027093 | Calhoun | 028013 |
| Isabella | 026073 | Aitkin | 027001 | Mille Lacs | 027095 | Carroll | 028015 |
| Jackson | 026075 | Anoka | 027003 | Morrison | 027097 | Chickasaw | 028017 |
| Kalamazoo | 026077 | Becker | 027005 | Mower | 027099 | Choctaw | 028019 |
| Kalkaska | 026079 | Beltrami | 027007 | Murray | 027101 | Claiborne | 028021 |
| Kent | 026081 | Benton | 027009 | Nicollet | 027103 | Clarke | 028023 |
| Keweenaw | 026083 | Big Stone | 027011 | Nobles | 027105 | Clay | 028025 |
| Lake | 026085 | Blue Earth | 027013 | Norman | 027107 | Coahoma | 028027 |
| Lapeer | 026087 | Brown | 027015 | Olmsted | 027109 | Copiah | 028029 |
| Leelanau | 026089 | Carlton | 027017 | Otter Tail | 027111 | Covington | 028031 |
| Lenawee | 026091 | Carver | 027019 | Pennington | 027113 | DeSoto | 028033 |
| Livingston | 026093 | Cass | 027021 | Pine | 027115 | Forrest | 028035 |
| Luce | 026095 | Chippewa | 027023 | Pipestone | 027117 | Franklin | 028037 |
| Mackinac | 026097 | Chisago | 027025 | Polk | 027119 | George | 028039 |
| Macomb | 026099 | Clay | 027027 | Pope | 027121 | Greene | 028041 |
| Manistee | 026101 | Clearwater | 027029 | Ramsey | 027123 | Grenada | 028043 |
| Marquette | 026103 | Cook | 027031 | Red Lake | 027125 | Hancock | 028045 |
| Mason | 026105 | Cottonwood | 027033 | Redwood | 027127 | Harrison | 028047 |
| Mecosta | 026107 | Crow Wing | 027035 | Renville | 027129 | Hinds | 028049 |
| Menominee | 026109 | Dakota | 027037 | Rice | 027131 | Holmes | 028051 |
| Midland | 026111 | Dodge | 027039 | Rock | 027133 | Humphreys | 028053 |
| Missaukee | 026113 | Douglas | 027041 | Roseau | 027135 | Issaquena | 028055 |
| Monroe | 026115 | Faribault | 027043 | St. Louis | 027137 | Itawamba | 028057 |
| Montcalm | 026117 | Fillmore | 027045 | Scott | 027139 | Jackson | 028059 |
| Montmorency | 026119 | Freeborn | 027047 | Sherburne | 027141 | Jasper | 028061 |
| Muskegon | 026121 | Goodhue | 027049 | Sibley | 027143 | Jefferson | 028063 |
| Newaygo | 026123 | Grant | 027051 | Stearns | 027145 | Jefferson Davis | 028065 |
| Oakland | 026125 | Hennepin | 027053 | Steele | 027147 | Jones | 028067 |
| Oceana | 026127 | Houston | 027055 | Stevens | 027149 | Kemper | 028069 |
| Ogemaw | 026129 | Hubbard | 027057 | Swift | 027151 | Lafayette | 028071 |
| Ontonagon | 026131 | Isanti | 027059 | Todd | 027153 | Lamar | 028073 |
| Osceola | 026133 | Itasca | 027061 | Traverse | 027155 | Lauderdale | 028075 |
| Oscoda | 026135 | Jackson | 027063 | Wabasha | 027157 | Lawrence | 028077 |
| Otsego | 026137 | Kanabec | 027065 | Wadena | 027159 | Leake | 028079 |
| Ottawa | 026139 | Kandiyohi | 027067 | Waseca | 027161 | Lee | 028081 |
| Presque Isle | 026141 | Kittson | 027069 | Washington | 027163 | Leflore | 028083 |
| Roscommon | 026143 | Koochiching | 027071 | Watonwan | 027165 | Lincoln | 028085 |
| Saginaw | 026145 | Lac qui Parle | 027073 | Wilkin | 027167 | Lowndes | 028087 |
| St. Clair | 026147 | Lake | 027075 | Winona | 027169 | Madison | 028089 |
| St. Joseph | 026149 | Lake of the | | Wright | 027171 | Marion | 028091 |
| Sanilac | 026151 | Woods | 027077 | Yellow Medicine | 027173 | Marshall | 028093 |
| Schoolcraft | 026153 | Le Sueur | 027079 | **Mississippi Counties** | | Monroe | 028095 |
| Shiawassee | 026155 | Lincoln | 027081 | Adams | 028001 | Montgomery | 028097 |
| Tuscola | 026157 | Lyon | 027083 | Alcorn | 028003 | Neshoba | 028099 |
| Van Buren | 026159 | McLeod | 027085 | Amite | 028005 | Newton | 028101 |



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|---|---|---|---|---|---|---|---|
| Noxubee | 028103 | Camden | 029029 | Maries | 029125 | Wayne | 029223 |
| Oktibbeha | 028105 | Cape Girardeau | 029031 | Marion | 029127 | Webster | 029225 |
| Panola | 028107 | Carroll | 029033 | Mercer | 029129 | Worth | 029227 |
| Pearl River | 028109 | Carter | 029035 | Miller | 029131 | Wright | 029229 |
| Perry | 028111 | Cass | 029037 | Mississippi | 029133 | **Montana Counties** | |
| Pike | 028113 | Cedar | 029039 | Moniteau | 029135 | Beaverhead | 030001 |
| Pontotoc | 028115 | Chariton | 029041 | Monroe | 029137 | Big Horn | 030003 |
| Prentiss | 028117 | Christian | 029043 | Montgomery | 029139 | Blaine | 030005 |
| Quitman | 028119 | Clark | 029045 | Morgan | 029141 | Broadwater | 030007 |
| Rankin | 028121 | Clay | 029047 | New Madrid | 029143 | Carbon | 030009 |
| Scott | 028123 | Clinton | 029049 | Newton | 029145 | Carter | 030011 |
| Sharkey | 028125 | Cole | 029051 | Nodaway | 029147 | Cascade | 030013 |
| Simpson | 028127 | Cooper | 029053 | Oregon | 029149 | Chouteau | 030015 |
| Smith | 028129 | Crawford | 029055 | Osage | 029151 | Custer | 030017 |
| Stone | 028131 | Dade | 029057 | Ozark | 029153 | Daniels | 030019 |
| Sunflower | 028133 | Dallas | 029059 | Pemiscot | 029155 | Dawson | 030021 |
| Tallahatchie | 028135 | Daviess | 029061 | Perry | 029157 | Deer Lodge | 030023 |
| Tate | 028137 | DeKalb | 029063 | Pettis | 029159 | Fallon | 030025 |
| Tippah | 028139 | Dent | 029065 | Phelps | 029161 | Fergus | 030027 |
| Tishomingo | 028141 | Douglas | 029067 | Pike | 029163 | Flathead | 030029 |
| Tunica | 028143 | Dunklin | 029069 | Platte | 029165 | Gallatin | 030031 |
| Union | 028145 | Franklin | 029071 | Polk | 029167 | Garfield | 030033 |
| Walthall | 028147 | Gasconade | 029073 | Pulaski | 029169 | Glacier | 030035 |
| Warren | 028149 | Gentry | 029075 | Putnam | 029171 | Golden Valley | 030037 |
| Washington | 028151 | Greene | 029077 | Ralls | 029173 | Granite | 030039 |
| Wayne | 028153 | Grundy | 029079 | Randolph | 029175 | Hill | 030041 |
| Webster | 028155 | Harrison | 029081 | Ray | 029177 | Jefferson | 030043 |
| Wilkinson | 028157 | Henry | 029083 | Reynolds | 029179 | Judith Basin | 030045 |
| Winston | 028159 | Hickory | 029085 | Ripley | 029181 | Lake | 030047 |
| Yalobusha | 028161 | Holt | 029087 | St. Charles | 029183 | Lewis & Clark | 030049 |
| Yazoo | 028163 | Howard | 029089 | St. Clair | 029185 | Liberty | 030051 |
| **Missouri Cities** | | Howell | 029091 | Ste. Genevieve | 029186 | Lincoln | 030053 |
| City of St. Louis | 029510 | Iron | 029093 | St. Francois | 029187 | McCone | 030055 |
| **Missouri Counties** | | Jackson | 029095 | St. Louis | 029189 | Madison | 030057 |
| Adair | 029001 | Jasper | 029097 | Saline | 029195 | Meagher | 030059 |
| Andrew | 029003 | Jefferson | 029099 | Schuyler | 029197 | Mineral | 030061 |
| Atchison | 029005 | Johnson | 029101 | Scotland | 029199 | Missoula | 030063 |
| Audrain | 029007 | Knox | 029103 | Scott | 029201 | Musselshell | 030065 |
| Barry | 029009 | Laclede | 029105 | Shannon | 029203 | Park | 030067 |
| Barton | 029011 | Lafayette | 029107 | Shelby | 029205 | Petroleum | 030069 |
| Bates | 029013 | Lawrence | 029109 | Stoddard | 029207 | Phillips | 030071 |
| Benton | 029015 | Lewis | 029111 | Stone | 029209 | Pondera | 030073 |
| Bollinger | 029017 | Lincoln | 029113 | Sullivan | 029211 | Powder River | 030075 |
| Boone | 029019 | Linn | 029115 | Taney | 029213 | Powell | 030077 |
| Buchanan | 029021 | Livingston | 029117 | Texas | 029215 | Prairie | 030079 |
| Butler | 029023 | McDonald | 029119 | Vernon | 029217 | Ravalli | 030081 |
| Caldwell | 029025 | Macon | 029121 | Warren | 029219 | Richland | 030083 |
| Callaway | 029027 | Madison | 029123 | Washington | 029221 | Roosevelt | 030085 |



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|---|---|---|---|---|---|---|---|
| Rosebud | 030087 | Garden | 031069 | Sioux | 031165 | Essex | 034013 |
| Sanders | 030089 | Garfield | 031071 | Stanton | 031167 | Gloucester | 034015 |
| Sheridan | 030091 | Gosper | 031073 | Thayer | 031169 | Hudson | 034017 |
| Silver Bow | 030093 | Grant | 031075 | Thomas | 031171 | Hunterdon | 034019 |
| Stillwater | 030095 | Greeley | 031077 | Thurston | 031173 | Mercer | 034021 |
| Sweet Grass | 030097 | Hall | 031079 | Valley | 031175 | Middlesex | 034023 |
| Teton | 030099 | Hamilton | 031081 | Washington | 031177 | Monmouth | 034025 |
| Toole | 030101 | Harlan | 031083 | Wayne | 031179 | Morris | 034027 |
| Treasure | 030103 | Hayes | 031085 | Webster | 031181 | Ocean | 034029 |
| Valley | 030105 | Hitchcock | 031087 | Wheeler | 031183 | Passaic | 034031 |
| Wheatland | 030107 | Holt | 031089 | York | 031185 | Salem | 034033 |
| Wibaux | 030109 | Hooker | 031091 | **Nevada Cities** | | Somerset | 034035 |
| Yellowstone | 030111 | Howard | 031093 | Carson City | 032510 | Sussex | 034037 |
| **Nebraska Counties** | | Jefferson | 031095 | **Nevada Counties** | | Union | 034039 |
| Adams | 031001 | Johnson | 031097 | Churchill | 032001 | Warren | 034041 |
| Antelope | 031003 | Kearney | 031099 | Clark | 032003 | **New Mexico Counties** | |
| Arthur | 031005 | Keith | 031101 | Douglas | 032005 | Bernalillo | 035001 |
| Banner | 031007 | Keya Paha | 031103 | Elko | 032007 | Catron | 035003 |
| Blaine | 031009 | Kimball | 031105 | Esmeralda | 032009 | Chaves | 035005 |
| Boone | 031011 | Knox | 031107 | Eureka | 032011 | Cibola | 035006 |
| Box Butte | 031013 | Lancaster | 031109 | Humboldt | 032013 | Colfax | 035007 |
| Boyd | 031015 | Lincoln | 031111 | Lander | 032015 | Curry | 035009 |
| Brown | 031017 | Logan | 031113 | Lincoln | 032017 | De Baca | 035011 |
| Buffalo | 031019 | Loup | 031115 | Lyon | 032019 | Doña Ana | 035013 |
| Burt | 031021 | McPherson | 031117 | Mineral | 032021 | Eddy | 035015 |
| Butler | 031023 | Madison | 031119 | Nye | 032023 | Grant | 035017 |
| Cass | 031025 | Merrick | 031121 | Pershing | 032027 | Guadalupe | 035019 |
| Cedar | 031027 | Morrill | 031123 | Storey | 032029 | Harding | 035021 |
| Chase | 031029 | Nance | 031125 | Washoe | 032031 | Hidalgo | 035023 |
| Cherry | 031031 | Nemaha | 031127 | White Pine | 032033 | Lea | 035025 |
| Cheyenne | 031033 | Nuckolls | 031129 | **New Hampshire Counties** | | Lincoln | 035027 |
| Clay | 031035 | Otoe | 031131 | Belknap | 033001 | Los Alamos | 035028 |
| Colfax | 031037 | Pawnee | 031133 | Carroll | 033003 | Luna | 035029 |
| Cuming | 031039 | Perkins | 031135 | Cheshire | 033005 | McKinley | 035031 |
| Custer | 031041 | Phelps | 031137 | Coos | 033007 | Mora | 035033 |
| Dakota | 031043 | Pierce | 031139 | Grafton | 033009 | Otero | 035035 |
| Dawes | 031045 | Platte | 031141 | Hillsborough | 033011 | Quay | 035037 |
| Dawson | 031047 | Polk | 031143 | Merrimack | 033013 | Rio Arriba | 035039 |
| Deuel | 031049 | Red Willow | 031145 | Rockingham | 033015 | Roosevelt | 035041 |
| Dixon | 031051 | Richardson | 031147 | Strafford | 033017 | Sandoval | 035043 |
| Dodge | 031053 | Rock | 031149 | Sullivan | 033019 | San Juan | 035045 |
| Douglas | 031055 | Saline | 031151 | **New Jersey Counties** | | San Miguel | 035047 |
| Dundy | 031057 | Sarpy | 031153 | Atlantic | 034001 | Santa Fe | 035049 |
| Fillmore | 031059 | Saunders | 031155 | Bergen | 034003 | Sierra | 035051 |
| Franklin | 031061 | Scotts Bluff | 031157 | Burlington | 034005 | Socorro | 035053 |
| Frontier | 031063 | Seward | 031159 | Camden | 034007 | Taos | 035055 |
| Furnas | 031065 | Sheridan | 031161 | Cape May | 034009 | Torrance | 035057 |
| Gage | 031067 | Sherman | 031163 | Cumberland | 034011 | Union | 035059 |



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| Valencia | 035061 | Schenectady | 036093 | Durham | 037063 | Rowan | 037159 |
| **New York Counties** | | Schoharie | 036095 | Edgecombe | 037065 | Rutherford | 037161 |
| Albany | 036001 | Schuyler | 036097 | Forsyth | 037067 | Sampson | 037163 |
| Allegany | 036003 | Seneca | 036099 | Franklin | 037069 | Scotland | 037165 |
| Bronx | 036005 | Steuben | 036101 | Gaston | 037071 | Stanly | 037167 |
| Broome | 036007 | Suffolk | 036103 | Gates | 037073 | Stokes | 037169 |
| Cattaraugus | 036009 | Sullivan | 036105 | Graham | 037075 | Surry | 037171 |
| Cayuga | 036011 | Tioga | 036107 | Granville | 037077 | Swain | 037173 |
| Chautauqua | 036013 | Tompkins | 036109 | Greene | 037079 | Transylvania | 037175 |
| Chemung | 036015 | Ulster | 036111 | Guilford | 037081 | Tyrrell | 037177 |
| Chenango | 036017 | Warren | 036113 | Halifax | 037083 | Union | 037179 |
| Clinton | 036019 | Washington | 036115 | Harnett | 037085 | Vance | 037181 |
| Columbia | 036021 | Wayne | 036117 | Haywood | 037087 | Wake | 037183 |
| Cortland | 036023 | Westchester | 036119 | Henderson | 037089 | Warren | 037185 |
| Delaware | 036025 | Wyoming | 036121 | Hertford | 037091 | Washington | 037187 |
| Dutchess | 036027 | Yates | 036123 | Hoke | 037093 | Watauga | 037189 |
| Erie | 036029 | **North Carolina Counties** | | Hyde | 037095 | Wayne | 037191 |
| Essex | 036031 | Alamance | 037001 | Iredell | 037097 | Wilkes | 037193 |
| Franklin | 036033 | Alexander | 037003 | Jackson | 037099 | Wilson | 037195 |
| Fulton | 036035 | Alleghany | 037005 | Johnston | 037101 | Yadkin | 037197 |
| Genesee | 036037 | Anson | 037007 | Jones | 037103 | Yancey | 037199 |
| Greene | 036039 | Ashe | 037009 | Lee | 037105 | **North Dakota Counties** | |
| Hamilton | 036041 | Avery | 037011 | Lenoir | 037107 | Adams | 038001 |
| Herkimer | 036043 | Beaufort | 037013 | Lincoln | 037109 | Barnes | 038003 |
| Jefferson | 036045 | Bertie | 037015 | McDowell | 037111 | Benson | 038005 |
| Kings | 036047 | Bladen | 037017 | Macon | 037113 | Billings | 038007 |
| Lewis | 036049 | Brunswick | 037019 | Madison | 037115 | Bottineau | 038009 |
| Livingston | 036051 | Buncombe | 037021 | Martin | 037117 | Bowman | 038011 |
| Madison | 036053 | Burke | 037023 | Mecklenburg | 037119 | Burke | 038013 |
| Monroe | 036055 | Cabarrus | 037025 | Mitchell | 037121 | Burleigh | 038015 |
| Montgomery | 036057 | Caldwell | 037027 | Montgomery | 037123 | Cass | 038017 |
| Nassau | 036059 | Camden | 037029 | Moore | 037125 | Cavalier | 038019 |
| New York | 036061 | Carteret | 037031 | Nash | 037127 | Dickey | 038021 |
| Niagara | 036063 | Caswell | 037033 | New Hanover | 037129 | Divide | 038023 |
| Oneida | 036065 | Catawba | 037035 | Northhampton | 037131 | Dunn | 038025 |
| Onondaga | 036067 | Chatham | 037037 | Onslow | 037133 | Eddy | 038027 |
| Ontario | 036069 | Cherokee | 037039 | Orange | 037135 | Emmons | 038029 |
| Orange | 036071 | Chowan | 037041 | Pamlico | 037137 | Foster | 038031 |
| Orleans | 036073 | Clay | 037043 | Pasquotank | 037139 | Golden Valley | 038033 |
| Oswego | 036075 | Cleveland | 037045 | Pender | 037141 | Grand Forks | 038035 |
| Otsego | 036077 | Columbus | 037047 | Perquimans | 037143 | Grant | 038037 |
| Putnam | 036079 | Craven | 037049 | Person | 037145 | Griggs | 038039 |
| Queens | 036081 | Cumberland | 037051 | Pitt | 037147 | Hettinger | 038041 |
| Rensselaer | 036083 | Currituck | 037053 | Polk | 037149 | Kidder | 038043 |
| Richmond | 036085 | Dare | 037055 | Randolph | 037151 | LaMoure | 038045 |
| Rockland | 036087 | Davidson | 037057 | Richmond | 037153 | Logan | 038047 |
| St. Lawrence | 036089 | Davie | 037059 | Robeson | 037155 | McHenry | 038049 |
| Saratoga | 036091 | Duplin | 037061 | Rockingham | 037157 | McIntosh | 038051 |



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| McLean | 038055 |
| Mercer | 038057 |
| Morton | 038059 |
| Mountrail | 038061 |
| Nelson | 038063 |
| Oliver | 038065 |
| Pembina | 038067 |
| Pierce | 038069 |
| Ramsey | 038071 |
| Ransom | 038073 |
| Renville | 038075 |
| Richland | 038077 |
| Rolette | 038079 |
| Sargent | 038081 |
| Sheridan | 038083 |
| Sioux | 038085 |
| Slope | 038087 |
| Stark | 038089 |
| Steele | 038091 |
| Stutsman | 038093 |
| Towner | 038095 |
| Traill | 038097 |
| Walsh | 038099 |
| Ward | 038101 |
| Wells | 038103 |
| Williams | 038105 |

**Northern Mariana Islands**

| | |
|---|---|
| Northern Islands | 069085 |
| Rota Island | 069100 |
| Saipan Island | 069110 |
| Tinian Island | 069120 |

**Ohio Counties**

| | |
|---|---|
| Adams | 039001 |
| Allen | 039003 |
| Ashland | 039005 |
| Ashtabula | 039007 |
| Athens | 039009 |
| Auglaize | 039011 |
| Belmont | 039013 |
| Brown | 039015 |
| Butler | 039017 |
| Carroll | 039019 |
| Champaign | 039021 |
| Clark | 039023 |
| Clermont | 039025 |
| Clinton | 039027 |
| Columbiana | 039029 |
| Coshocton | 039031 |
| Crawford | 039033 |
| Cuyahoga | 039035 |
| Darke | 039037 |
| Defiance | 039039 |
| Delaware | 039041 |
| Erie | 039043 |
| Fairfield | 039045 |
| Fayette | 039047 |
| Franklin | 039049 |
| Fulton | 039051 |
| Gallia | 039053 |
| Geauga | 039055 |
| Greene | 039057 |
| Guernsey | 039059 |
| Hamilton | 039061 |
| Hancock | 039063 |
| Hardin | 039065 |
| Harrison | 039067 |
| Henry | 039069 |
| Highland | 039071 |
| Hocking | 039073 |
| Holmes | 039075 |
| Huron | 039077 |
| Jackson | 039079 |
| Jefferson | 039081 |
| Knox | 039083 |
| Lake | 039085 |
| Lawrence | 039087 |
| Licking | 039089 |
| Logan | 039091 |
| Lorain | 039093 |
| Lucas | 039095 |
| Madison | 039097 |
| Mahoning | 039099 |
| Marion | 039101 |
| Medina | 039103 |
| Meigs | 039105 |
| Mercer | 039107 |
| Miami | 039109 |
| Monroe | 039111 |
| Montgomery | 039113 |
| Morgan | 039115 |
| Morrow | 039117 |
| Muskingum | 039119 |
| Noble | 039121 |
| Ottawa | 039123 |
| Paulding | 039125 |
| Perry | 039127 |
| Pickaway | 039129 |
| Pike | 039131 |
| Portage | 039133 |
| Preble | 039135 |
| Putnam | 039137 |
| Richland | 039139 |
| Ross | 039141 |
| Sandusky | 039143 |
| Scioto | 039145 |
| Seneca | 039147 |
| Shelby | 039149 |
| Stark | 039151 |
| Summit | 039153 |
| Trumbull | 039155 |
| Tuscarawas | 039157 |
| Union | 039159 |
| Van Wert | 039161 |
| Vinton | 039163 |
| Warren | 039165 |
| Washington | 039167 |
| Wayne | 039169 |
| Williams | 039171 |
| Wood | 039173 |
| Wyandot | 039175 |

**Oklahoma Counties**

| | |
|---|---|
| Adair | 040001 |
| Alfalfa | 040003 |
| Atoka | 040005 |
| Beaver | 040007 |
| Beckham | 040009 |
| Blaine | 040011 |
| Bryan | 040013 |
| Caddo | 040015 |
| Canadian | 040017 |
| Carter | 040019 |
| Cherokee | 040021 |
| Choctaw | 040023 |
| Cimarron | 040025 |
| Cleveland | 040027 |
| Coal | 040029 |
| Comanche | 040031 |
| Cotton | 040033 |
| Craig | 040035 |
| Creek | 040037 |
| Custer | 040039 |
| Delaware | 040041 |
| Dewey | 040043 |
| Ellis | 040045 |
| Garfield | 040047 |
| Garvin | 040049 |
| Grady | 040051 |
| Grant | 040053 |
| Greer | 040055 |
| Harmon | 040057 |
| Harper | 040059 |
| Haskell | 040061 |
| Hughes | 040063 |
| Jackson | 040065 |
| Jefferson | 040067 |
| Johnston | 040069 |
| Kay | 040071 |
| Kingfisher | 040073 |
| Kiowa | 040075 |
| Latimer | 040077 |
| Le Flore | 040079 |
| Lincoln | 040081 |
| Logan | 040083 |
| Love | 040085 |
| McClain | 040087 |
| McCurtain | 040089 |
| McIntosh | 040091 |
| Major | 040093 |
| Marshall | 040095 |
| Mayes | 040097 |
| Murray | 040099 |
| Muskogee | 040101 |
| Noble | 040103 |
| Nowata | 040105 |
| Okfuskee | 040107 |
| Oklahoma | 040109 |
| Okmulgee | 040111 |
| Osage | 040113 |
| Ottawa | 040115 |
| Pawnee | 040117 |
| Payne | 040119 |
| Pittsburg | 040121 |
| Pontotoc | 040123 |
| Pottawatomie | 040125 |
| Pushmataha | 040127 |
| Roger Mills | 040129 |
| Rogers | 040131 |
| Seminole | 040133 |
| Sequoyah | 040135 |
| Stephens | 040137 |



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| | |
|---|---|
| Texas | 040139 |
| Tillman | 040141 |
| Tulsa | 040143 |
| Wagoner | 040145 |
| Washington | 040147 |
| Washita | 040149 |
| Woods | 040151 |
| Woodward | 040153 |

**Oregon Counties**

| | |
|---|---|
| Baker | 041001 |
| Benton | 041003 |
| Clackamas | 041005 |
| Clatsop | 041007 |
| Columbia | 041009 |
| Coos | 041011 |
| Crook | 041013 |
| Curry | 041015 |
| Deschutes | 041017 |
| Douglas | 041019 |
| Gilliam | 041021 |
| Grant | 041023 |
| Harney | 041025 |
| Hood River | 041027 |
| Jackson | 041029 |
| Jefferson | 041031 |
| Josephine | 041033 |
| Klamath | 041035 |
| Lake | 041037 |
| Lane | 041039 |
| Lincoln | 041041 |
| Linn | 041043 |
| Malheur | 041045 |
| Marion | 041047 |
| Morrow | 041049 |
| Multnomah | 041051 |
| Polk | 041053 |
| Sherman | 041055 |
| Tillamook | 041057 |
| Umatilla | 041059 |
| Union | 041061 |
| Wallowa | 041063 |
| Wasco | 041065 |
| Washington | 041067 |
| Wheeler | 041069 |
| Yamhill | 041071 |

**Republic of Palau**

| | |
|---|---|
| Aimeliik | 070002 |
| Airai | 070004 |
| Anguar | 070010 |
| Hatoboheit | 070050 |
| Kayangel | 070100 |
| Koror | 070150 |
| Melekeok | 070212 |
| Ngaraard | 070214 |
| Ngarchelong | 070218 |
| Ngardmau | 070222 |
| Ngatpang | 070224 |
| Ngchesar | 070226 |
| Ngernmlengui | 070227 |
| Ngiwal | 070228 |
| Peleliu | 070350 |
| Sonsorol | 070370 |

**Pennsylvania Counties**

| | |
|---|---|
| Adams | 042001 |
| Allegheny | 042003 |
| Armstrong | 042005 |
| Beaver | 042007 |
| Bedford | 042009 |
| Berks | 042011 |
| Blair | 042013 |
| Bradford | 042015 |
| Bucks | 042017 |
| Butler | 042019 |
| Cambria | 042021 |
| Cameron | 042023 |
| Carbon | 042025 |
| Centre | 042027 |
| Chester | 042029 |
| Clarion | 042031 |
| Clearfield | 042033 |
| Clinton | 042035 |
| Columbia | 042037 |
| Crawford | 042039 |
| Cumberland | 042041 |
| Dauphin | 042043 |
| Delaware | 042045 |
| Elk | 042047 |
| Erie | 042049 |
| Fayette | 042051 |
| Forest | 042053 |
| Franklin | 042055 |
| Fulton | 042057 |
| Greene | 042059 |
| Huntingdon | 042061 |
| Indiana | 042063 |
| Jefferson | 042065 |
| Juniata | 042067 |
| Lackawanna | 042069 |
| Lancaster | 042071 |
| Lawrence | 042073 |
| Lebanon | 042075 |
| Lehigh | 042077 |
| Luzerne | 042079 |
| Lycoming | 042081 |
| McKean | 042083 |
| Mercer | 042085 |
| Mifflin | 042087 |
| Monroe | 042089 |
| Montgomery | 042091 |
| Montour | 042093 |
| Northampton | 042095 |
| Northumberland | 042097 |
| Perry | 042099 |
| Philadelphia | 042101 |
| Pike | 042103 |
| Potter | 042105 |
| Schuylkill | 042107 |
| Snyder | 042109 |
| Somerset | 042111 |
| Sullivan | 042113 |
| Susquehanna | 042115 |
| Tioga | 042117 |
| Union | 042119 |
| Venango | 042121 |
| Warren | 042123 |
| Washington | 042125 |
| Wayne | 042127 |
| Westmoreland | 042129 |
| Wyoming | 042131 |
| York | 042133 |

**Puerto Rico**

| | |
|---|---|
| Adjuntas | 072001 |
| Aguada | 072003 |
| Aguadilla | 072005 |
| Aguas Buenas | 072007 |
| Aibonito | 072009 |
| Añasco | 072011 |
| Arecibo | 072013 |
| Arroyo | 072015 |
| Barceloneta | 072017 |
| Barranquitas | 072019 |
| Bayamón | 072021 |
| Cabo Rojo | 072023 |
| Caguas | 072025 |
| Camuy | 072027 |
| Canóvanas | 072029 |
| Carolina | 072031 |
| Cataño | 072033 |
| Cayey | 072035 |
| Ceiba | 072037 |
| Ciales | 072039 |
| Cidra | 072041 |
| Coamo | 072043 |
| Comerio | 072045 |
| Corozal | 072047 |
| Culebra | 072049 |
| Dorado | 072051 |
| Fajardo | 072053 |
| Florida | 072054 |
| Guánica | 072055 |
| Guayama | 072057 |
| Guayanilla | 072059 |
| Guaynabo | 072061 |
| Gurabo | 072063 |
| Hatillo | 072065 |
| Hormigueros | 072067 |
| Humacao | 072069 |
| Isabela | 072071 |
| Jayuya | 072073 |
| Juana Diaz | 072075 |
| Juncos | 072077 |
| Lajas | 072079 |
| Lares | 072081 |
| Las Marias | 072083 |
| Las Piedras | 072085 |
| Loiza | 072087 |
| Luquillo | 072089 |
| Manati | 072091 |
| Maricao | 072093 |
| Maunabo | 072095 |
| Mayagüez | 072097 |
| Moca | 072099 |
| Morovis | 072101 |
| Naguabo | 072103 |
| Naranjito | 072105 |
| Orocovis | 072107 |
| Patillas | 072109 |
| Peñuelas | 072111 |
| Ponce | 072113 |



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| | |
|---|---|
| Quebradillas | 072115 |
| Rincón | 072117 |
| Río Grande | 072119 |
| Sábana Grande | 072121 |
| Salinas | 072123 |
| San Germán | 072125 |
| San Juan | 072127 |
| San Lorenzo | 072129 |
| San Sebastián | 072131 |
| Santa Isabel | 072133 |
| Toa Alta | 072135 |
| Toa Baja | 072137 |
| Trujillo Alto | 072139 |
| Utuado | 072141 |
| Vega Alta | 072143 |
| Vega Baja | 072145 |
| Vieques | 072147 |
| Villalba | 072149 |
| Yabucoa | 072151 |
| Yauco | 072153 |

**Rhode Island Counties**

| | |
|---|---|
| Bristol | 044001 |
| Kent | 044003 |
| Newport | 044005 |
| Providence | 044007 |
| Washington | 044009 |

**South Carolina Counties**

| | |
|---|---|
| Abbeville | 045001 |
| Aiken | 045003 |
| Allendale | 045005 |
| Anderson | 045007 |
| Bamberg | 045009 |
| Barnwell | 045011 |
| Beaufort | 045013 |
| Berkeley | 045015 |
| Calhoun | 045017 |
| Charleston | 045019 |
| Cherokee | 045021 |
| Chester | 045023 |
| Chesterfield | 045025 |
| Clarendon | 045027 |
| Colleton | 045029 |
| Darlington | 045031 |
| Dillon | 045033 |
| Dorchester | 045035 |
| Edgefield | 045037 |
| Fairfield | 045039 |
| Florence | 045041 |
| Georgetown | 045043 |
| Greenville | 045045 |
| Greenwood | 045047 |
| Hampton | 045049 |
| Horry | 045051 |
| Jasper | 045053 |
| Kershaw | 045055 |
| Lancaster | 045057 |
| Laurens | 045059 |
| Lee | 045061 |
| Lexington | 045063 |
| McCormick | 045065 |
| Marion | 045067 |
| Marlboro | 045069 |
| Newberry | 045071 |
| Oconee | 045073 |
| Orangeburg | 045075 |
| Pickens | 045077 |
| Richland | 045079 |
| Saluda | 045081 |
| Spartanburg | 045083 |
| Sumter | 045085 |
| Union | 045087 |
| Williamsburg | 045089 |
| York | 045091 |

**South Dakota Counties**

| | |
|---|---|
| Aurora | 046003 |
| Beadle | 046005 |
| Bennett | 046007 |
| Bon Homme | 046009 |
| Brookings | 046011 |
| Brown | 046013 |
| Brule | 046015 |
| Buffalo | 046017 |
| Butte | 046019 |
| Campbell | 046021 |
| Charles Mix | 046023 |
| Clark | 046025 |
| Clay | 046027 |
| Codington | 046029 |
| Corson | 046031 |
| Custer | 046033 |
| Davison | 046035 |
| Day | 046037 |
| Deuel | 046039 |
| Dewey | 046041 |
| Douglas | 046043 |
| Edmunds | 046045 |
| Fall River | 046047 |
| Faulk | 046049 |
| Grant | 046051 |
| Gregory | 046053 |
| Haakon | 046055 |
| Hamlin | 046057 |
| Hand | 046059 |
| Hanson | 046061 |
| Harding | 046063 |
| Hughes | 046065 |
| Hutchinson | 046067 |
| Hyde | 046069 |
| Jackson | 046071 |
| Jerauld | 046073 |
| Jones | 046075 |
| Kingsbury | 046077 |
| Lake | 046079 |
| Lawrence | 046081 |
| Lincoln | 046083 |
| Lyman | 046085 |
| McCook | 046087 |
| McPherson | 046089 |
| Marshall | 046091 |
| Meade | 046093 |
| Mellette | 046095 |
| Miner | 046097 |
| Minnehaha | 046099 |
| Moody | 046101 |
| Pennington | 046103 |
| Perkins | 046105 |
| Potter | 046107 |
| Roberts | 046109 |
| Sanborn | 046111 |
| Shannon | 046113 |
| Spink | 046115 |
| Stanley | 046117 |
| Sully | 046119 |
| Todd | 046121 |
| Tripp | 046123 |
| Turner | 046125 |
| Union | 046127 |
| Walworth | 046129 |
| Yankton | 046135 |
| Ziebach | 046137 |

**Tennessee Counties**

| | |
|---|---|
| Anderson | 047001 |
| Bedford | 047003 |
| Benton | 047005 |
| Bledsoe | 047007 |
| Blount | 047009 |
| Bradley | 047011 |
| Campbell | 047013 |
| Cannon | 047015 |
| Carroll | 047017 |
| Carter | 047019 |
| Cheatham | 047021 |
| Chester | 047023 |
| Claiborne | 047025 |
| Clay | 047027 |
| Cocke | 047029 |
| Coffee | 047031 |
| Crockett | 047033 |
| Cumberland | 047035 |
| Davidson | 047037 |
| Decatur | 047039 |
| DeKalb | 047041 |
| Dickson | 047043 |
| Dyer | 047045 |
| Fayette | 047047 |
| Fentress | 047049 |
| Franklin | 047051 |
| Gibson | 047053 |
| Giles | 047055 |
| Grainger | 047057 |
| Greene | 047059 |
| Grundy | 047061 |
| Hamblen | 047063 |
| Hamilton | 047065 |
| Hancock | 047067 |
| Hardeman | 047069 |
| Hardin | 047071 |
| Hawkins | 047073 |
| Haywood | 047075 |
| Henderson | 047077 |
| Henry | 047079 |
| Hickman | 047081 |
| Houston | 047083 |
| Humphreys | 047085 |
| Jackson | 047087 |
| Jefferson | 047089 |
| Johnson | 047091 |
| Knox | 047093 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Lake | 047095 | **Texas Counties** | | Concho | 048095 | Hall | 048191 |
| Lauderdale | 047097 | Anderson | 048001 | Cooke | 048097 | Hamilton | 048193 |
| Lawrence | 047099 | Andrews | 048003 | Coryell | 048099 | Hansford | 048195 |
| Lewis | 047101 | Angelina | 048005 | Cottle | 048101 | Hardeman | 048197 |
| Lincoln | 047103 | Aransas | 048007 | Crane | 048103 | Hardin | 048199 |
| Loudon | 047105 | Archer | 048009 | Crockett | 048105 | Harris | 048201 |
| McMinn | 047107 | Armstrong | 048011 | Crosby | 048107 | Harrison | 048203 |
| McNairy | 047109 | Atascosa | 048013 | Culberson | 048109 | Hartley | 048205 |
| Macon | 047111 | Austin | 048015 | Dallam | 048111 | Haskell | 048207 |
| Madison | 047113 | Bailey | 048017 | Dallas | 048113 | Hays | 048209 |
| Marion | 047115 | Bandera | 048019 | Dawson | 048115 | Hemphill | 048211 |
| Marshall | 047117 | Bastrop | 048021 | Deaf Smith | 048117 | Henderson | 048213 |
| Maury | 047119 | Baylor | 048023 | Delta | 048119 | Hidalgo | 048215 |
| Meigs | 047121 | Bee | 048025 | Denton | 048121 | Hill | 048217 |
| Monroe | 047123 | Bell | 048027 | DeWitt | 048123 | Hockley | 048219 |
| Montgomery | 047125 | Bexar | 048029 | Dickens | 048125 | Hood | 048221 |
| Moore | 047127 | Blanco | 048031 | Dimmit | 048127 | Hopkins | 048223 |
| Morgan | 047129 | Borden | 048033 | Donley | 048129 | Houston | 048225 |
| Obion | 047131 | Bosque | 048035 | Duval | 048131 | Howard | 048227 |
| Overton | 047133 | Bowie | 048037 | Eastland | 048133 | Hudspeth | 048229 |
| Perry | 047135 | Brazoria | 048039 | Ector | 048135 | Hunt | 048231 |
| Pickett | 047137 | Brazos | 048041 | Edwards | 048137 | Hutchison | 048233 |
| Polk | 047139 | Brewster | 048043 | Ellis | 048139 | Irion | 048235 |
| Putnam | 047141 | Briscoe | 048045 | El Paso | 048141 | Jack | 048237 |
| Rhea | 047143 | Brooks | 048047 | Erath | 048143 | Jackson | 048239 |
| Roane | 047145 | Brown | 048049 | Falls | 048145 | Jasper | 048241 |
| Robertson | 047147 | Burleson | 048051 | Fannin | 048147 | Jeff Davis | 048243 |
| Rutherford | 047149 | Burnet | 048053 | Fayette | 048149 | Jefferson | 048245 |
| Scott | 047151 | Caldwell | 048055 | Fisher | 048151 | Jim Hogg | 048247 |
| Sequatchie | 047153 | Calhoun | 048057 | Floyd | 048153 | Jim Wells | 048249 |
| Sevier | 047155 | Callahan | 048059 | Foard | 048155 | Johnson | 048251 |
| Shelby | 047157 | Cameron | 048061 | Fort Bend | 048157 | Jones | 048253 |
| Smith | 047159 | Camp | 048063 | Franklin | 048159 | Karnes | 048255 |
| Stewart | 047161 | Carson | 048065 | Freestone | 048161 | Kaufman | 048257 |
| Sullivan | 047163 | Cass | 048067 | Frio | 048163 | Kendall | 048259 |
| Sumner | 047165 | Castro | 048069 | Gaines | 048165 | Kenedy | 048261 |
| Tipton | 047167 | Chambers | 048071 | Galveston | 048167 | Kent | 048263 |
| Trousdale | 047169 | Cherokee | 048073 | Garza | 048169 | Kerr | 048265 |
| Unicoi | 047171 | Childress | 048075 | Gillespie | 048171 | Kimble | 048267 |
| Union | 047173 | Clay | 048077 | Glasscock | 048173 | King | 048269 |
| Van Buren | 047175 | Cochran | 048079 | Goliad | 048175 | Kinney | 048271 |
| Warren | 047177 | Coke | 048081 | Gonzales | 048177 | Kleberg | 048273 |
| Washington | 047179 | Coleman | 048083 | Gray | 048179 | Knox | 048275 |
| Wayne | 047181 | Collin | 048085 | Grayson | 048181 | Lamar | 048277 |
| Weakley | 047183 | Collingsworth | 048087 | Gregg | 048183 | Lamb | 048279 |
| White | 047185 | Colorado | 048089 | Grimes | 048185 | Lampassas | 048281 |
| Wiliamson | 047187 | Comal | 048091 | Guadalupe | 048187 | La Salle | 048283 |
| Wilson | 047189 | Comanche | 048093 | Hale | 048189 | Lavaca | 048285 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Lee | 048287 | Reagan | 048383 | Webb | 048479 | Summit | 049043 |
| Leon | 048289 | Real | 048385 | Wharton | 048481 | Tooele | 049045 |
| Liberty | 048291 | Red River | 048387 | Wheeler | 048483 | Uintah | 049047 |
| Limestone | 048293 | Reeves | 048389 | Wichita | 048485 | Utah | 049049 |
| Lipscomb | 048295 | Refugio | 048391 | Wilbarger | 048487 | Wasatch | 049051 |
| Live Oak | 048297 | Roberts | 048393 | Willacy | 048489 | Washington | 049053 |
| Llano | 048299 | Robertson | 048395 | Williamson | 048491 | Wayne | 049055 |
| Loving | 048301 | Rockwall | 048397 | Wilson | 048493 | Weber | 049057 |
| Lubbock | 048303 | Runnels | 048399 | Winkler | 048495 | **Vermont Counties** | |
| Lynn | 048305 | Rusk | 048401 | Wise | 048497 | Addison | 050001 |
| McCulloch | 048307 | Sabine | 048403 | Wood | 048499 | Bennington | 050003 |
| McLennan | 048309 | San Augustine | 048405 | Yoakum | 048501 | Caledonia | 050005 |
| McMullen | 048311 | San Jacinto | 048407 | Young | 048503 | Chittenden | 050007 |
| Madison | 048313 | San Patricio | 048409 | Zapata | 048505 | Essex | 050009 |
| Marion | 048315 | San Saba | 048411 | Zavala | 048507 | Franklin | 050011 |
| Martin | 048317 | Schleicher | 048413 | **U. S. Minor Outlying Islands** | | Grand Isle | 050013 |
| Mason | 048319 | Scurry | 048415 | | | Lamoille | 050015 |
| Matagorda | 048321 | Shackelford | 048417 | Baker Island | 074050 | Orange | 050017 |
| Maverick | 048323 | Shelby | 048419 | Howland Island | 074100 | Orleans | 050019 |
| Medina | 048325 | Sherman | 048421 | Jarvis Island | 074150 | Rutland | 050021 |
| Menard | 048327 | Smith | 048423 | Johnston Atoll | 074200 | Washington | 050023 |
| Midland | 048329 | Somervell | 048425 | Kingman Reef | 074250 | Windham | 050025 |
| Milam | 048331 | Starr | 048427 | Midway Islands | 074300 | Windsor | 050027 |
| Mills | 048333 | Stephens | 048429 | Navassa Island | 074350 | **Virgin Islands** | |
| Mitchell | 048335 | Sterling | 048431 | Palmyra Atoll | 074400 | St. Croix | 078010 |
| Montague | 048337 | Stonewall | 048433 | Wake Island | 074450 | St. John | 078020 |
| Montgomery | 048339 | Sutton | 048435 | **Utah Counties** | | St. Thomas | 078030 |
| Moore | 048341 | Swisher | 048437 | Beaver | 049001 | **Virginia Cities** | |
| Morris | 048343 | Tarrant | 048439 | Box Elder | 049003 | Alexandria | 051510 |
| Motley | 048345 | Taylor | 048441 | Cache | 049005 | Bedford | 051515 |
| Nacogdoches | 048347 | Terrell | 048443 | Carbon | 049007 | Bristol | 051520 |
| Navarro | 048349 | Terry | 048445 | Daggett | 049009 | Buena Vista | 051530 |
| Newton | 048351 | Throckmorton | 048447 | Davis | 049011 | Charlottesville | 051540 |
| Nolan | 048353 | Titus | 048449 | Duchesne | 049013 | Chesapeake | 051550 |
| Nueces | 048355 | Tom Green | 048451 | Emery | 049015 | Colonial Heights | 051570 |
| Ochiltree | 048357 | Travis | 048453 | Garfield | 049017 | Covington | 051580 |
| Oldham | 048359 | Trinity | 048455 | Grand | 049019 | Danville | 051590 |
| Orange | 048361 | Tyler | 048457 | Iron | 049021 | Emporia | 051595 |
| Palo Pinto | 048363 | Upshur | 048459 | Juab | 049023 | Fairfax | 051600 |
| Panola | 048365 | Upton | 048461 | Kane | 049025 | Falls Church | 051610 |
| Parker | 048367 | Uvalde | 048463 | Millard | 049027 | Franklin | 051620 |
| Parmer | 048369 | Val Verde | 048465 | Morgan | 049029 | Fredericksburg | 051630 |
| Pecos | 048371 | Van Zandt | 048467 | Piute | 049031 | Galax | 051640 |
| Polk | 048373 | Victoria | 048469 | Rich | 049033 | Hampton | 051650 |
| Potter | 048375 | Walker | 048471 | Salt Lake | 049035 | Harrisonburg | 051660 |
| Presidio | 048377 | Waller | 048473 | San Juan | 049037 | Hopewell | 051670 |
| Rains | 048379 | Ward | 048475 | Sanpete | 049039 | Lexington | 051678 |
| Randall | 048381 | Washington | 048477 | Sevier | 049041 | Lynchburg | 051680 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Manassas | 051683 | Fauquier | 051061 | Roanoke | 051161 | Skagit | 053057 |
| Martinsville | 051690 | Floyd | 051063 | Rockbridge | 051163 | Skamania | 053059 |
| Newport News | 051700 | Fluvanna | 051065 | Rockingham | 051165 | Snohomish | 053061 |
| Norfolk | 051710 | Franklin | 051067 | Russell | 051167 | Spokane | 053063 |
| Norton | 051720 | Frederick | 051069 | Scott | 051169 | Stevens | 053065 |
| Petersburg | 051730 | Giles | 051071 | Shenandoah | 051171 | Thurston | 053067 |
| Poquoson | 051735 | Gloucester | 051073 | Smyth | 051173 | Wahkiakum | 053069 |
| Portsmouth | 051740 | Goochland | 051075 | Southampton | 051175 | Walla Walla | 053071 |
| Radford | 051750 | Grayson | 051077 | Spotsylvania | 051177 | Whatcom | 053073 |
| Richmond | 051760 | Greene | 051079 | Stafford | 051179 | Whitman | 053075 |
| Roanoke | 051770 | Greensville | 051081 | Surry | 051181 | Yakima | 053077 |
| Salem | 051775 | Halifax | 051083 | Sussex | 051183 | **West Virginia Counties** | |
| Staunton | 051790 | Hanover | 051085 | Tazewell | 051185 | Barbour | 054001 |
| Suffolk | 051800 | Henrico | 051087 | Warren | 051187 | Berkeley | 054003 |
| Virginia Beach | 051810 | Henry | 051089 | Washington | 051191 | Boone | 054005 |
| Waynesboro | 051820 | Highland | 051091 | Westmoreland | 051193 | Braxton | 054007 |
| Williamsburg | 051830 | Isle of Wight | 051093 | Wise | 051195 | Brooke | 054009 |
| Winchester | 051840 | James City | 051095 | Wythe | 051197 | Cabell | 054011 |
| **Virginia Counties** | | King and Queen | 051097 | York | 051199 | Calhoun | 054013 |
| Accomack | 051001 | King George | 051099 | **Washington Counties** | | Clay | 054015 |
| Albermarle | 051003 | King William | 051101 | Adams | 053001 | Doddridge | 054017 |
| Alleghany | 051005 | Lancaster | 051103 | Asotin | 053003 | Fayette | 054019 |
| Amelia | 051007 | Lee | 051105 | Benton | 053005 | Gilmer | 054021 |
| Amherst | 051009 | Loudoun | 051107 | Chelan | 053007 | Grant | 054023 |
| Appomattox | 051011 | Louisa | 051109 | Clallam | 053009 | Greenbrier | 054025 |
| Arlington | 051013 | Lunenburg | 051111 | Clark | 053011 | Hampshire | 054027 |
| Augusta | 051015 | Madison | 051113 | Columbia | 053013 | Hancock | 054029 |
| Bath | 051017 | Manassas Park | 051685 | Cowlitz | 053015 | Hardy | 054031 |
| Bedford | 051019 | Mathews | 051115 | Douglas | 053017 | Harrison | 054033 |
| Bland | 051021 | Mecklenburg | 051117 | Ferry | 053019 | Jackson | 054035 |
| Botetourt | 051023 | Middlesex | 051119 | Franklin | 053021 | Jefferson | 054037 |
| Brunswick | 051025 | Montgomery | 051121 | Garfield | 053023 | Kanawha | 054039 |
| Buchanan | 051027 | Nelson | 051125 | Grant | 053025 | Lewis | 054041 |
| Buckingham | 051029 | New Kent | 051127 | Grays Harbor | 053027 | Lincoln | 054043 |
| Campbell | 051031 | Northampton | 051131 | Island | 053029 | Logan | 054045 |
| Caroline | 051033 | Northumberland | 051133 | Jefferson | 053031 | McDowell | 054047 |
| Carroll | 051035 | Nottoway | 051135 | King | 053033 | Marion | 054049 |
| Charles City | 051036 | Orange | 051137 | Kitsap | 053035 | Marshall | 054051 |
| Charlotte | 051037 | Page | 051139 | Kittitas | 053037 | Mason | 054053 |
| Chesterfield | 051041 | Patrick | 051141 | Klickitat | 053039 | Mercer | 054055 |
| Clarke | 051043 | Pittsylvania | 051143 | Lewis | 053041 | Mineral | 054057 |
| Craig | 051045 | Powhatan | 051145 | Lincoln | 053043 | Mingo | 054059 |
| Culpeper | 051047 | Prince Edward | 051147 | Mason | 053045 | Monongalia | 054061 |
| Cumberland | 051049 | Prince George | 051149 | Okanogan | 053047 | Monroe | 054063 |
| Dickenson | 051051 | Prince William | 051153 | Pacific | 053049 | Morgan | 054065 |
| Dinwiddie | 051053 | Pulaski | 051155 | Pend Oreille | 053051 | Nicholas | 054067 |
| Essex | 051057 | Rappahannock | 051157 | Pierce | 053053 | Ohio | 054069 |
| Fairfax | 051059 | Richmond | 051159 | San Juan | 053055 | Pendleton | 054071 |



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| | |
|---|---|
| Pleasants | 054073 |
| Pocahontas | 054075 |
| Preston | 054077 |
| Putnam | 054079 |
| Raleigh | 054081 |
| Randolph | 054083 |
| Ritchie | 054085 |
| Roane | 054087 |
| Summers | 054089 |
| Taylor | 054091 |
| Tucker | 054093 |
| Tyler | 054095 |
| Upshur | 054097 |
| Wayne | 054099 |
| Webster | 054101 |
| Wetzel | 054103 |
| Wirt | 054105 |
| Wood | 054107 |
| Wyoming | 054109 |

**Wisconsin Counties**

| | |
|---|---|
| Adams | 055001 |
| Ashland | 055003 |
| Barron | 055005 |
| Bayfield | 055007 |
| Brown | 055009 |
| Buffalo | 055011 |
| Burnett | 055013 |
| Calumet | 055015 |
| Chippewa | 055017 |
| Clark | 055019 |
| Columbia | 055021 |
| Crawford | 055023 |
| Dane | 055025 |
| Dodge | 055027 |
| Door | 055029 |
| Douglas | 055031 |
| Dunn | 055033 |
| Eau Claire | 055035 |
| Florence | 055037 |
| Fond du Lac | 055039 |
| Forest | 055041 |
| Grant | 055043 |
| Green | 055045 |
| Green Lake | 055047 |
| Iowa | 055049 |
| Iron | 055051 |
| Jackson | 055053 |
| Jefferson | 055055 |
| Juneau | 055057 |
| Kenosha | 055059 |
| Kewaunee | 055061 |
| La Crosse | 055063 |
| Lafayette | 055065 |
| Langlade | 055067 |
| Lincoln | 055069 |
| Manitowoc | 055071 |
| Marathon | 055073 |
| Marinette | 055075 |
| Marquette | 055077 |
| Menominee | 055078 |
| Milwaukee | 055079 |
| Monroe | 055081 |
| Oconto | 055083 |
| Oneida | 055085 |
| Outagamie | 055087 |
| Ozaukee | 055089 |
| Pepin | 055091 |
| Pierce | 055093 |
| Polk | 055095 |
| Portage | 055097 |
| Price | 055099 |
| Racine | 055101 |
| Richland | 055103 |
| Rock | 055105 |
| Rusk | 055107 |
| St. Croix | 055109 |
| Sauk | 055111 |
| Sawyer | 055113 |
| Shawano | 055115 |
| Sheboygan | 055117 |
| Taylor | 055119 |
| Trempealeau | 055121 |
| Vernon | 055123 |
| Vilas | 055125 |
| Walworth | 055127 |
| Washburn | 055129 |
| Washington | 055131 |
| Waukesha | 055133 |
| Waupaca | 055135 |
| Waushara | 055137 |
| Winnebago | 055139 |
| Wood | 055141 |

**Wyoming Counties**

| | |
|---|---|
| Albany | 056001 |
| Big Horn | 056003 |
| Campbell | 056005 |
| Carbon | 056007 |
| Converse | 056009 |
| Crook | 056011 |
| Fremont | 056013 |
| Goshen | 056015 |
| Hot Springs | 056017 |
| Johnson | 056019 |
| Laramie | 056021 |
| Lincoln | 056023 |
| Natrona | 056025 |
| Niobrara | 056027 |
| Park | 056029 |
| Platte | 056031 |
| Sheridan | 056033 |
| Sublette | 056035 |
| Sweetwater | 056037 |
| Teton | 056039 |
| Uinta | 056041 |
| Washakie | 056043 |
| Weston | 056045 |

**Marine Areas**

| | |
|---|---|
| Pacific U.S. West Coast | 057000 |
| Pacific Alaska Coast | 058000 |
| Central Pacific Hawaii | 059000 |
| S. Cntrl Pacific Am. Samoa | 061000 |
| W. Pacific Marina Islands | 065000 |
| Atlantic Coast Canada - NC | 073000 |
| Atlantic NC-FL + Caribbean | 075000 |
| Gulf of Mexico FL - Mexico | 077000 |
| Lake Superior | 091000 |
| Lake Michigan | 092000 |
| Lake Huron | 093000 |
| Lake St. Clair | 094000 |
| Lake Erie | 096000 |
| Lake Ontario | 097000 |
| St. Lawrence River | 098000 |



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## Limited Warranty (for models 20F670T, 27F670T and 32F670T)

**What your warranty covers:**

- Defects in material or workmanship.

**For how long after your purchase:**

- One year from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for picture tube.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm whichever comes first.

**What we will do:**

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

**How you get service:**

- For 20" screen size: Take your RCA television to any Authorized RCA Television Service Center and pickup when repairs are complete.
- For screen sizes larger than 20": Request home or pick up, repair and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Service Center, ask your dealer, visit www.rca.com, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

**What your warranty does not cover:**

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your product. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Acts of nature, such as but not limited to lightning damage.
- A television purchased or serviced outside the U.S.A.



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**Product Registration:**

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com/productregistration. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

**Limitation of Warranty:**

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

**How state law relates to this warranty:**

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

**If you purchased your product outside the United States:**

- This warranty does not apply. Contact your dealer for warranty information.

**Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.**



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## Limited Warranty (for model 27V570T)

**What your warranty covers:**

- Defects in material or workmanship.

**For how long after your purchase:**

- 90 days from date of purchase for labor charges.
- One year from date of purchase for parts.
- Two years from date of purchase for the picture tubes.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

**What we will do:**

- Pay any Authorized RCA Television Service Center the labor charges to repair your television.
- Pay any Authorized RCA Television Service Center for the new or, at our option, rebuilt replacement parts and picture tube required to repair your television.

**How you get service:**

- For 20" screen size: Take your RCA television to any Authorized RCA Television Service Center and pickup when repairs are complete.
- For screen sizes larger than 20": Request home or pick up, repair and return service from any Authorized RCA Television Service Center, provided that your television is located within the geographic territory covered by an Authorized RCA Television Service Center. If not, you must take your television to the Service Center location at your own expense, or pay for the cost the Service Center may charge to transport your television to and from your home.
- To identify your nearest Authorized RCA Service Center, ask your dealer, visit www.rca.com, look in the Yellow Pages, or call 1-800-336-1900.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

**What your warranty does not cover:**

- Customer instruction. (Your Owner's Manual describes how to install, adjust, and operate your product. Any additional information should be obtained from your dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your television.
- Damage from misuse or neglect.
- Batteries.
- Customer replacement fuses.
- Damage from images burnt onto the screen.
- A television that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Acts of nature, such as but not limited to lightning damage.
- A television purchased or serviced outside the U.S.A.



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**Product Registration:**

- Please complete and mail the Product Registration Card packed with your TV or register on-line at www.rca.com/productregistration. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

**Limitation of Warranty:**

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
- **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

**How state law relates to this warranty:**

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

**If you purchased your product outside the United States:**

- This warranty does not apply. Contact your dealer for warranty information.

**Service calls which do not involve defective materials or workmanship are not covered by this warranty. Costs of such service calls are the sole responsibility of the purchaser.**



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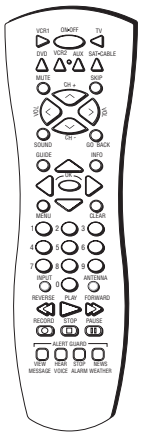
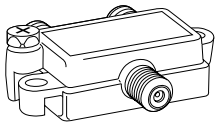


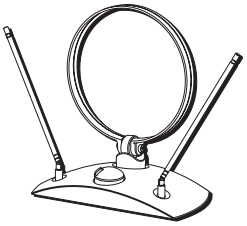
RCR160THM1

**Remote Control** This is the remote control that came packed with your TV. Replacements or spares can be ordered as needed.



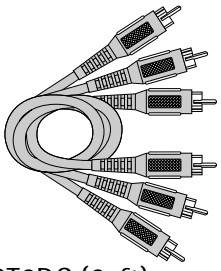
VH47

**2-way Signal Splitter** helps you connect to a second TV or VCR.



ANT200

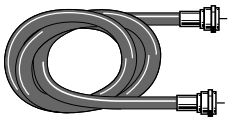
**Amplified VHF/UHF/FM Antenna** allows you to easily switch from the antenna signal to cable or satellite easily without disconnecting antenna.



DT6DC (6-ft)

DT12DC (12-ft)

**Component Video Cables** Triple cable used to connect a video source with Y, Pr, Pb jacks to the TV.



VH81 (3-ft)

VH82 (6-ft)

**Screw-on Cable** attaches to the round antenna connectors (called 75-ohm F-type) on the back of your VCR or TV. The ends screw onto the connectors for a secure connection.

VH83

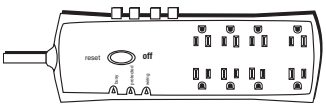
**Standard Audio/Video cable** with RCA-type phono plugs.

| Description | Part No. | Price |
|---|---|---|
| Screw-on antenna cable (3-ft) | VH81 | $3.95 |
| Screw-on antenna cable (6-ft) | VH82 | $4.95 |
| Push-on antenna cable (6-ft) | VH89 | $5.95 |
| Monaural VCR Dubbing Cable (6-ft) | VH83 | $5.95 |
| Stereo VCR Dubbing Cable (6-ft) | VH84 | $9.95 |
| S-Video Cable (6-ft) | VH976 | $7.95 |
| S-Video Cable (12-ft) | VH913 | $14.95 |
| 2-way Signal Splitter | VH47 | $3.95 |
| Amplified Antenna | ANT200 | $49.95 |
| Remote Control (RCR160THM1) | 258449 | $25.45 |
| Audio•Video Adapter | 228449 | $4.45 |
| Surge Protector | SCTV4000C | $49.95 |
| Component Video Cables (6-ft) | DT6DC | $24.95 |
| Component Video Cables (12-ft) | DT12DC | $34.95 |

Prices are subject to change without notice.

VH913

**S-Video Cable** has multi-pin connectors on each end for connecting S-Video components to your TV.



SCTV4000C

**Surge Protector** provides eight outlets, coaxial and telephone line protection. Audible alarm for surge failure.

## HOW TO ORDER

**ON-LINE:** Accessories may also be purchased at www.rca.com/accessories (subject to availability).
**BY PHONE:** To place your order by phone, have your Visa, MasterCard or Discover Card ready and call **1-800-338-0376**. Use this number only to place an order for accessory items listed on this page.

All accessories are subject to availability.
Where applicable, we will ship a superseding model.



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**Televison Receiver**

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

**FCC Declaration of Conformity**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name: RCA

Model(s): 20F670T, 27V570T, 27F670T, 32F670T

Equipment Classification: Radio receiver subject to part 15 of the FCC regulations

Responsible Party: Thomson Inc.

10330 N. Meridian St.

Indianapolis, IN 46290

Telephone 1-580-634-0151

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Visit the RCA web site at www.rca.com

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

**Thomson Inc.**

**10330 North Meridian Street**
**Indianapolis, IN 46290**

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Marca(s) Registrada(s)

**TOCOM 16161830**

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